SoftBank 821P

User Guide

SoftBank

Introduction

Thank you for purchasing SoftBank 821P.

- For proper handset use, read User Guide (this manual) and First Step Guide.
- Please keep this manual in a safe place for future reference.
- Accessible services may vary by service area, subscription, etc.

SoftBank 821P is compatible with both 3G and GSM network technologies.

Note

- Unauthorized copying of any part of this manual is prohibited.
- Manual content is subject to change without prior notice.
- Efforts have been made to ensure the accuracy and clarity of this manual. Please contact SoftBank Customer Center, General Information (☞P.17-40) about unclear or missing information.

User Guide (Japanese), First Step Guide and Raku Raku Start Book (Japanese) are included with 821P. The function of each manual is as follows.

- First Step Guide/Raku Raku Start Book: Basic instructions.
- User Guide: Detailed instructions.
- Tsukaikonashi Dokuhon (Japanese): Online advanced instructions.
  - Tsukaikonashi Dokuhon is available for download:
    http://www.softbank.jp/mb/r/support/821p/ (PC)
    http://broadband.mb.softbank.jp/f/manual/821p/ (handset)

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Objective Search

Confirming & Using My Number & My Mail Address

My Phone Number

Confirm your phone number on 821P in Standby without navigating menus.

My Number: ☞P.2-11

My Mail Address

Customized address may reduce spam.

Customizing Handset Address: ☞P.12-4

Customizing 821P Settings

Downloading Tunes & Tones

Download music (Chaku-Uta®/Chaku Uta Full®) files from mobile websites.

Downloading Music: ☞P.7-3

Setting Ringtones

Set Chaku-Uta®, Chaku-Uta Full® or Ringtone Flash® files as ringtones.

Ringtones: ☞P.16-2

Mastering Basics

Learning Your Handset

Learn key assignments, and navigate menus to select & execute functions.

Handset Menus: ☞P.1-19
Parts & Functions: ☞P.1-5

Making Mobile Calls

Use voice telephony or enjoy video telephony with compatible mobiles.

Voice Calls: ☞P.2-2
Video Calls: ☞P.5-3

Fun Stuff

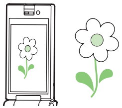
Media Player

Download music/video files from websites via Media Player directly.



Media Player: ☞P.7-2

Camera & Video Camera



Pictures: ☞P.6-6
Videos: ☞P.6-8

Sending My Contact Info

Save mail address and other details; send to compatible devices wirelessly.

Account Details: ☞P.4-13

Messaging Multiple Recipients

Enter multiple mail addresses/numbers to send a message to all at one time.

Sending Messages: ☞P.12-4
Adding/Editing Recipients: ☞P.12-15

Sending Files Wirelessly

Send files or your own mail address saved in Account Details wirelessly to other compatible devices.

Sending Account Details: ☞P.4-13

Customizing Standby Display

Add wallpaper, set clock size/position or set calendar to appear in Standby.

Wallpaper: ☞P.8-9
Display: ☞P.16-4

Customizing User Interface

Download applications that mimic the interface design of previously used handsets.

S! Familiar Usability: ☞P.1-21

Using Shortcuts to Functions

Access shortcuts to frequently used functions in Standby.

Standby Window: ☞P.1-17

Mastering Text Entry Methods

Enter text for Messaging functions or to add/edit Phone Book entry items.

Text Entry: ☞P.3-1

Using Messaging Services

Send both short or long text messages. Attach image/sound files, etc. to S! Mail.

Messaging: ☞P.12-2
Feeling Mail: ☞P.12-6
Arrange Mail: ☞P.12-6

Accessing the Mobile Internet

Access Mobile Internet sites via Yahoo! Keitai to browse sites or download files.

Yahoo! Keitai: ☞P.13-2

Playing Games

Download and install S! Application Games via Yahoo! Keitai.



S! Appli: ☞P.14-1

Getting News (Japanese)

Set up S! Quick News to view a variety of information contents.

S! Quick News: ☞P.13-15

Overview

821P Features

Simple Mode
Activate Simple Mode for easy operation; increase font size and Earpiece Volume.
☞P.1-22

Bar Code Reader
Scan UPC or QR Codes. Access sites or send messages, etc. via QR Codes.
☞P.11-11

SoftBank Mobile Features

Yahoo! Keitai
Access Mobile Internet sites via Yahoo! Keitai to browse sites or download files.
☞P.13-2

Arrange Mail
Create HTML messages; select font color/size, background; insert images.
☞P.12-6

Useful Features

S! Addressbook Back-up
Save Phone Book entries; back up handset entries on Server, etc.
☞P.4-10

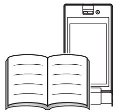
Feeling Mail
Add Pictographs, matching ringtones, vibration and notification light to messages.
☞P.12-6

PC-related Functions

PC Site Browser
View PC-based websites on 821P. Select Small Screen or PC Screen.
☞P.13-5

Data Back-up/Management
Transfer data between handset and PC for back-up and editing.
Infrared: ☞P.9-2
Bluetooth®: ☞P.9-5
USB: ☞P.9-10

e-Book Viewer/BookSurfing® (Japanese)



Download e-media, like e-books, e-comics, and e-photobooks on 821P.

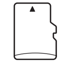
☞P.7-10

Near Chat (Japanese)

Exchange text messages with SoftBank handsets via Bluetooth®.

☞P.9-5, P.15-4

Memory Card



Extend 821P internal memory or back-up handset files, etc.

☞P.8-15

S! Familiar Usability

Download applications that install previously used handset model interfaces.

☞P.1-21

S! Town & S! Loop (Japanese)

Enjoy these unique SoftBank Mobile communication services on 821P.

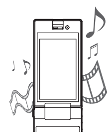
☞P.15-2, P.15-3

Calendar & Alarm

Add events by time/date and set Event Alarms to help manage your schedule.

☞P.11-2, P.11-6

Media Player



Play 821P/Memory Card music/video files; stream media via Yahoo! Keitai.

☞P.7-2

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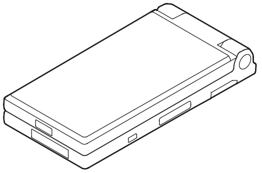
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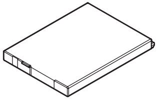
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Package Contents

☐ **Handset (821P)**



☐ **Battery (PMBAE1)**



☐ **User Guide (Japanese)**
☐ **First Step Guide**
☐ **Raku Raku Start Book (Japanese)**
☐ **Utility Software (CD-ROM)***

* Utility Software (Japanese) updates/upgrades may be released on SOFTBANK MOBILE Corp. Website (http://www.softbank.jp) without prior notification. Please check for the newest versions of utility applications and download if required.

Note

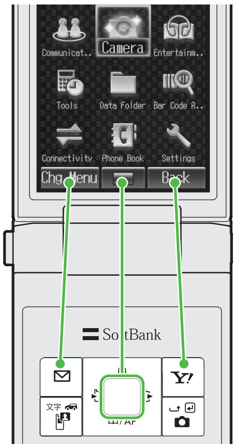
- Use SoftBank specified AC Charger (sold separately) to charge battery.
- For more information about AC Charger and accessories, please contact SoftBank Customer Center, General Information (☞P.17-40).
- Optional battery is available for separate purchase.
- 821P accepts microSD Card (not included). Purchase microSD Card to use related functions.
  - Use microSD Cards up to 2GB (September, 2007). Memory Card compatibility is not guaranteed.
  - microSD Card is referred to as "Memory Card" in this manual.

Using This Manual

In this manual, SoftBank 821P User Guide, SoftBank 821P is abbreviated as 821P.

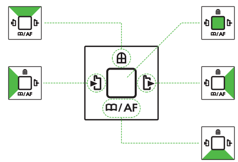
Manual Symbols

Press the corresponding key to execute the function or operation indicated at the bottom of Display.



Multi Selector

Use Multi Selector to select items, navigate menus, etc. In this manual, Multi Selector operations are indicated as shown below.



Basic Multi Selector Operations

- : Press or
- : Press or
- : Press , , or

Softkeys

In this manual, Softkey operations are indicated as shown below.

Left Softkey	Right Softkey
[Chg.Menu]	**[Back]**

- **[Chg.Menu]** and **[Back]** are Softkey label examples; Softkey labels vary by menu.

Screenshots

Sample screenshots, etc. are provided for reference only. Actual handset windows, menus, etc. may differ in appearance.

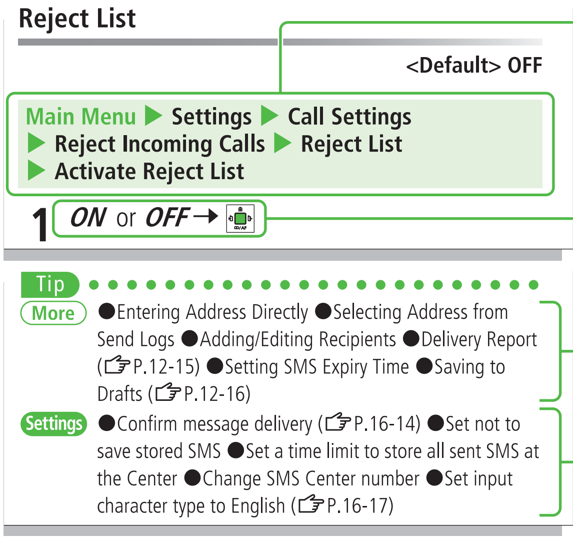
Japanese Functions & Services

When "(Japanese)" appears in a title, Japanese ability is required to use full range of the function or service.

Operation Descriptions

Following are examples of operation descriptions. Please note, actual operations may differ.

Basic Operations



1 Abbreviated Steps

Main Menu operations expressed as shown here.

- For more information, see Handset Menus (☞P.1-19).

2 Steps

Use [key icons] to select menu items.

Example: [key icon] to scroll to *ON* or *OFF* → [key icon]

Omitted

- Alternatively, use Keypad to select items (☞P.1-20).

More Refer to "Advanced Features" at the end of each chapter.

Settings Refer to Chapter 16 "Settings."

More Advanced Features

From ▶ **[Composition Window] [Text Entry Window]**
S! Mail: P.12-4, P.12-5/SMS: P.12-8
[Message List Window] [Message Window] P.12-10

Adding Recipients/Attachments

Entering Address Directly [Enter Number or Enter Address]

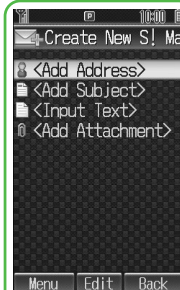
[Composition Window] *<Add Address>* → ● → ***Enter Number*** or ***Enter Address*** → ● → Select a SoftBank handset number or mail address → ●

Selecting Address From Send Logs [Send Logs]

[Composition Window] *<Add Address>* → ● → ***Send Logs*** → ● → Select a record → ●

1. From these windows, proceed to advanced operations. See indicated pages for preceding steps.
   Example: **[Composition Window]**, see P.12-4
2. Go to indicated page(s) and follow instructions to open window.
   Example: **[Composition Window]**
3. Proceed from here.

1 In Standby, press and hold ✉[✉]



[Composition Window]

Settings Messaging

Universal Settings

From ▶ Main Menu ▶ Messaging ▶ Settings ▶ Universal Settings

Settings	Operation	Default
Clamshell Control: Open Incoming Mail folder automatically by opening 821P for new messages*1	*Clamshell Control* → ● → *ON* → ●	**OFF** (not open)

Initial steps are described here. Follow these steps then proceed to respective steps (explained in chart, under "Operation").

Tsukaikonashi Dokuhon (Japanese)

Tsukaikonashi Dokuhon provides supplemental information for effective use of 821P.
Download Tsukaikonashi Dokuhon from SOFTBANK MOBILE Corp. Website (☞Right) and read it using e-Book Viewer.



Scan QR Code shown to the right and download Tsukaikonashi Dokuhon free of charge.

http://broadband.mb.softbank.jp/f/manual/821p/

Note Separate subscription is required for Network access (☞P.13-2).

To download Tsukaikonashi Dokuhon to PC, enter URL below and access the website.
http://www.softbank.jp/mb/r/support/821p/

Safety Precautions

- Before use, read these safety precautions carefully and use your handset properly. Keep this manual in a safe place for future reference.
- These safety precautions contain information intended to prevent bodily injury to the user and to surrounding people, as well as damage to property, and must be observed at all times.
- These symbols indicate exposure levels to bodily harm from failure to observe cautions or improper usage:

	Danger	Great risk of death or serious injury from improper use
	Warning	Risk of death or serious injury from improper use
	Caution	Risk of injury or damage to property from improper use

- Symbol Explanations

	Prohibited Action
	Disassembly Prohibited
	Avoid Moisture
	Always Dry Hands First

	Compulsory Action
	Disconnect Power Source

Handset, Battery & Charger (not included)

Danger

Use specified battery, charger and holder.
The use of devices other than those specified may result in malfunction of handset or battery. Leaking, overheating, explosion or fire may occur.

Do not get handset, battery and charger wet.
If liquids such as water or pet urine get into battery and charger, they may cause overheating, electric shock or malfunction. Do not use handset in damp places like bathrooms.

Do not disassemble or modify handset.
May cause accidents such as fire, bodily injury, electric shock or equipment malfunction.

Warning

Do not place handset, battery or charger inside cooking appliances, such as microwave ovens or high-pressure containers.
Battery may leak, overheat, explode or catch fire, and handset and charger may overheat, emit smoke or catch fire. The internal circuit may also be damaged.

Do not throw or otherwise subject to strong force or impacts.
Battery may leak, overheat, explode, catch fire, or cause damage to handset.

Keep handset off and charger disconnected in filling stations or places where flammable gas is generated.
Handset use in such areas may lead to fire.

If battery does not charge after specified time, stop charging.
Battery may leak, overheat, explode or catch fire.

Caution

Do not use or leave handset or related hardware in locations subject to high temperatures, such as near an open flame/heater, in sunlight or inside a car on an extremely hot day.
Do not charge, leave, use, or be carrying handset or related hardware in a warm place or where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (worn warming patch), etc.
Battery may leak, overheat, explode, or ignite. Handset or related hardware may deform or malfunction. Part of the casing may also become hot and cause burns.

Do not use handset in dusty places.
May hinder heat release, or cause burnout or fire.

Keep handset out of the reach of young children.
May result in electric shock or bodily injury.

If for use by child, guardian should teach proper handling and ensure handset is used as directed.
May result in bodily injury.

Battery

Danger

See battery label to confirm battery type.

Label	Battery Type
Li-ion	Lithium-ion

Do not throw battery into fire.
Battery may leak, overheat, explode or catch fire.

Do not pierce battery with a nail or other sharp object, hit it with a hammer, or step on it.
Battery may leak, overheat, explode or catch fire.

Do not use excessive force to attach battery to handset even when you cannot attach it successfully. Battery may be the wrong way around.
Battery may leak, overheat, explode or catch fire.

Do not touch terminals with metallic objects or carry/store battery with metal jewelry, etc.
Battery may leak, overheat, explode or catch fire.

If battery fluid gets into eyes, do not rub; flush with clean water and see a doctor immediately.
Failure to do so may cause blindness.

Warning

If battery leaks or emits an unusual odor, immediately stop use and move it away as far as possible from any flame or fire.
Battery fluid is flammable and could ignite, causing fire or explosion.

If battery leaks or emits an unusual odor, immediately remove it away from handset.
Battery may leak, overheat, explode or catch fire.

If battery fluid comes into contact with your skin or clothing, stop using handset immediately and rinse it off with clean water.
Battery fluid is harmful to your skin.

Caution

Do not dispose of battery with ordinary refuse.
May cause fire and environmental damage. Place tape over the terminals to insulate battery, and take it to a SoftBank retailer or institution that handles used batteries in your area.

Handset

⚠ Warning

Do not use handset while driving a vehicle.
Doing so may interfere with safe driving and cause an accident. Stop your vehicle to park in a safe place before using handset. Drivers using handsets while driving are subject to prosecution.

Turn off handset near high-precision electronic devices or devices using weak electronic signals.
Handset may possibly cause these devices to malfunction.
*Electronic devices that may be affected: Hearing aids, implantable cardiac pacemakers, implantable cardioverter defibrillators, other medical electronic devices, fire alarms, automatic doors and other automatically controlled devices.Persons using an implantable cardiac pacemaker or cardioverter defibrillator, or other electronic medical devices, should consult the device manufacturer or vendor for advice on possible radio wave effects.

Turn off handset where use is prohibited, such as aboard aircraft or in hospitals.
Handset may interfere with the operation of sensitive devices and electronic medical equipment.
Follow the instructions given by the respective medical facilities regarding the use of mobile phones on their premises. In addition, actions such as speaking on a mobile phone aboard aircraft are prohibited and may be punishable by law.

If you are using electronic medical equipment, do not put handset in your breast pocket or in the inside pocket of your jacket.
Using handset in close proximity to electronic medical equipment may cause the equipment to malfunction.

If you have a weak heart, take extra precautions when setting functions such as vibration or ringer volume for incoming transmissions.

Do not aim the infrared port at eyes when using infrared communication.
Doing so may affect eyes. Also, aiming it towards other infrared devices may interfere with the operation of these devices.

In a thunderstorm, immediately turn off handset and seek shelter.
There is a risk of being struck by lightning and suffering electric shock.

Caution

Handset may become hot while in use. Avoid prolonged skin contact that may result in burns.

If handset affects car electronics, stop use.
Handset use may affect electronics in some models. In this case, stop use; could impede safe driving.

Do not place your ear too close to the speaker while ringer sounds or sound files play.
May impair hearing.

Do not turn up the volume unnecessarily high when using headphones.
Using headphones with volume turned up for an extended period may impair hearing or injure ears.

Handset use may cause itching, rashes, eczema or other symptoms depending on the user's physical condition. In this case, immediately stop use and seek medical treatment.

Parts	Materials/Surface Finish
Outer case (Main Display side)	PC/Acrylic UV cured coating
Outer case (External Display side)	PC+ABS resin/ Acrylic UV cured coating
Outer case (Keypad side, Battery side, Battery cover)	ABS resin/ Acrylic UV cured coating
Outer Panel (External Display)	Acrylic resin/ Acrylic UV cured coating

Parts		Materials/Surface Finish
Screw covers (Battery cover side, below display - hinge side)		ABS resin/ Acrylic UV cured coating
Infrared Port		Acrylic resin
Main Display Panel, External Camera Panel (Outer portion)		Base: PC resin Surface: Acrylic resin
External Camera Panel (Lens portion)		Acrylic resin
Keys		PC resin (Outline Panel: PET resin)
Earphone Port cover, External Port cover		PC+ABS resin, Elastomer resin/ Acrylic UV cured coating
Memory Card Slot cover		PC+ABS resin, Elastomer resin/ Acrylic UV cured coating
One-push Open Button hinge		PC resin/Acrylic UV cured coating
Decorative Panels of the hinge side		Aluminium/Alumite treatment
Side Key		PC resin/Acrylic UV cured coating
Charging Terminals		Phosphor bronze/ Gold plating on nickel plating
Stop pad		Acrylic Urethane resin
Screws (Battery compartment)		SWCH16A (Aluminium killed steel)/ Nickel plating
Battery compartment		Stainless
Battery terminals	Connector	PPS resin
	Battery terminals	Beryllium copper/ Gold plating on nickel plating
Battery	Battery	PC resin (label: PET resin)
	Terminals	Glass fiber reinforced epoxy board/ Gold plating on nickel plating

Do not place a magnetic card near or in handset.
The stored magnetic data in cash cards, credit cards, telephone cards and floppy disks, etc. may be erased.

Do not swing handset by its strap, etc.
Handset may strike you or others resulting in injury or damage to handset or other property.

Do not use One-push Open button to open handset near your or another person's face.
Handset may cause accident and injury.

Avoid closing handset on fingers or objects when opening it.
May result in injury or damage to display.

When using One-push Open button, avoid pinching fingers or objects in hinge.
May result in injury or damage to display.

Charger (not included)

Warning

Place charger and Desktop Holder on a stable surface during charging. Do not cover or wrap charger or Desktop Holder.
May cause overheating, fire or malfunction.

Do not handle charger with wet hands.
May result in electric shock or malfunction.

Always use the specified power supply/voltage.
Using incorrect voltage may cause malfunction/fire.
AC Charger: AC100V-240V
In-Car Charger: DC12V, 24V
(vehicles with a negative earth only)

Do not use handset/charger in thunderstorms.
There is a risk of being struck by lightning and suffering electric shock.

Do not short-circuit charging terminals.
May result in fire, electric shock, equipment malfunction or bodily injury.

Use In-Car Charger in vehicles with a negative (-) earth. Do not use In-Car Charger if vehicle has a positive (+) earth.
May cause fire.

Unplug AC Charger during periods of disuse.
May cause electric shock, fire or malfunction.

If In-Car Charger fuse blows, always replace it with specified fuse.
Using the incorrect fuse may cause fire or malfunction. Refer to the respective manuals for information on the correct fuse specifications.

If liquid such as water or pet urine get into charger, unplug it immediately.
May cause electric shock, smoke emission or fire.

Wipe off any dust on the plug.
May cause fire.

Caution

Always unplug charger before cleaning it.
May result in electric shock.

Pull charger (not cord) to unplug charger.
Pulling on the cord may damage the cord and cause electric shock or fire.

Do not charge battery if it is wet.
May cause battery to overheat, catch fire or explode.

Near Electronic Medical Equipment

Warning

This section is based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment" (Electromagnetic Compatibility Conference, April 1997) and "Report of Investigation of the Effects of Radio Waves on Medical Equipment, etc." (Association of Radio Industries and Businesses, March 2001).

If you use an implantable cardiac pacemaker or cardioverter defibrillator, keep handset more than 22cm away from the implant at all times.
Handset radio waves may affect implantable cardiac pacemaker or cardioverter defibrillator operations.

Observe the following in medical facilities.
- Do not take handset into operating rooms, Intensive Care Units or Coronary Care Units.
- Turn off handset inside hospital wards.
- Turn off handset even outside hospital wards (in hospital lobbies, etc.); electronic medical equipment may be in use nearby.
- Where a medical facility has specific instructions prohibiting the carrying and use of mobile phones, observe those instructions strictly.

Turn off handset in crowded places such as rush hour trains; implantable cardiac pacemakers or cardioverter defibrillators may be in use nearby.
Handset radio waves may affect implantable cardiac pacemaker or cardioverter defibrillator operations.

Persons using electronic medical equipment outside medical facilities should consult the vendor about possible radio wave effects.

Handling Precautions

General Notes

- SoftBank is not liable for damages from accidental loss/alteration of handset/Memory Card information (Phone Book entries, images/sound files, etc.). Back-up important information.
- Handset transmissions may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places.
- Use handset without disturbing others.
- Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
- Handset use near landlines, TVs or radios may cause interference.
- Read Memory Card manual beforehand for proper use.
- Beware of eavesdropping.

  Digital signals reduce interception, however transmissions may be overheard. Deliberate/accidental interception of communications constitutes eavesdropping.

  "eavesdropping" means radio communication is received by another receiver deliberately or accidentally.

Electromagnetic Waves

- For body worn operation, this mobile phone has been tested and meets RF exposure guidelines when used with an accessory containing no metal and positioning the handset a minimum 15mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

FCC Notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

  (1) This device may not cause harmful interference, and

  (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The standards include a

substantial safety margin designed to assure the safety of all persons, regardless of age and health.
The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. The tests are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC for each model.
The highest SAR value for this model handset when tested for use at the ear is 0.905 W/kg and when worn on the body, as described in this user guide, is 0.546 W/kg.
Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between the user's body and the back of the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.
The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorisation for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID UCE207003A. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) website at http://www.phonefacts.net.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.
The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.714 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide**. In this case, the highest tested SAR value is 0.487 W/kg. As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head and body.

*The tests are carried out in accordance with international guidelines for testing.
** Please see Electromagnetic Waves on page xx for important notes regarding body worn operation.

Declaration of Conformity

CE0168

We, Panasonic Mobile Communications Development of Europe Ltd., declare that SoftBank 821P conforms with the essential and other relevant requirements of the directive 1999/5/EC.
A declaration of conformity to this effect can be found at **http://panasonic.co.jp/pmc/products/en/support/index.html**

Handset Care

- If handset is left with no battery or an exhausted one, data may be altered/lost. SoftBank is not liable for any resulting damages.
- Use handset within temperatures of 5°C to 35°C and humidity 35% to 85%. Avoid extreme temperatures/direct sunlight.
- Handset may become warm during use or charging. This is not malfunction.
- Exposing lens to direct sunlight may damage color filter and affect image color.
- Soiled terminals may cause poor connection. If the terminals are dirty, use a dry cloth or cotton swab to wipe them clean.
- Clean handset with dry, soft cloth. Using alcohol, thinner, etc. may damage it.
- Avoid forceful rubbing or scratching handset displays.
- 821P is not water-proof. Avoid exposure to liquids and high humidity.
  - Do not expose handset to precipitation.
  - Air conditioned air may condense causing corrosion.
  - Do not put handset in damp places like bathrooms.
  - On the beach, keep handset away from sun and surf.
  - Perspiration in handset may cause malfunction.
- Do not subject handset to excessive force.
  - Do not sit down with handset in a back pocket.
  - Do not place heavy objects on handset in a bag.
- Do not remove nameplate; doing so invalidates warranty.
- Always turn off handset before removing battery. If battery is removed while saving or sending mail, data may be altered or lost.
- LCD is manufactured with high precision technology, however, some pixels may appear darker/brighter.
- Connect only specified products to Earphone Port.
- Keep USIM Card out of the reach of young children. If swallowed, see a doctor immediately.
- While walking, moderate headphone volume to make sounds around you audible and help avoid accidents.
- When holding handset in use, do not cover Speaker.

Function Usage Limits

These functions are disabled after handset replacement/ upgrade or service cancellation: Camera; Media Player; S! Applications.
After a period of disuse, these functions may become unusable.

Mobile Camera

- Be sure to observe proper etiquette when using the camera.
- Do not expose the camera lens to direct sunlight. Concentrated sunlight through the lens may cause the handset to malfunction.
- Be sure to try taking and previewing pictures before using the camera on important occasions like wedding ceremonies.
- Do not commercially use or transfer pictures taken with the camera without the permission of the copyright holder (photographer), except for personal use.
- Do not use the camera in locations where taking photos and recording videos are prohibited.

Copyrights and Others

Right of Portrait

Portrait right is the right of an individual to refuse to be photographed by others and protects from the unauthorized publication or use of an individual's photograph by others. Right of personality is a portrait right applicable to all citizens and right of publicity is a portrait right (property right) designed to protect celebrities' interests. Be careful when taking pictures with the handset camera. Photographing, publicizing and distributing photographs of citizens and celebrities without permission are illegal.

Copyrights

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This product is licensed under the MPEG-4 patent portfolio license for the personal and non-commercial use of a consumer to
(i) encode video in compliance with the MPEG-4 Visual Standard ("MPEG-4 Video") and/or
(ii) decode MPEG-4 Video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a licensed video provider.
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(http://www.mpegla.com)

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5,710,784 5,778,338

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Bluetooth QD ID B012255

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The frequency band used for the Bluetooth® function of 821P is shared with other industrial, scientific or medical equipment (microwave ovens, etc.), and used at premises radio stations, amateur radio station, etc. (hereinafter "other radio stations").

1 Before using the Bluetooth® function, visually check that there are no other radio stations sharing the same frequency band nearby.
2 Should interference occur between 821P and other radio stations, move to another place or stop the Bluetooth® function (stop the transmission) immediately.
3 For additional information and support, contact us at the following number.

SoftBank Customer Center;
From a SoftBank handset, call toll free at 157 for General Information.
From landlines, see ☞P.17-40 "Customer Service".

2.4 FH 1

This radio equipment operates in the 2.4 GHz band using the FH-SS modulation, and its maximum communication distance is 10m.

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The software contained in 821P is copyrighted material; copyright, moral right and other related rights are protected by copyright laws. Do not copy, modify, alter, disassemble, decompile or reverse-engineer the software, and do not separate it from hardware in whole or part.

Specific Absorption Rate (SAR)

821P meets the government's requirements for exposure to radio waves.

These requirements are based on scientific basis to assure that radio waves emitted from mobile phones and other handheld wireless devices do not affect human health. They require that the Specific Absorption Rate (SAR), which is the unit of measurement for the amount of radiofrequency absorbed by the body, shall not exceed 2 W/kg*. This limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age or health, and meets the international standard set by International Commission on Non-Ionizing Radiation Protection (ICNIRP) in cooperation with World Health Organization (WHO).

The highest SAR value for 821P is 0.714 W/kg. Tests for SAR are conducted with handset transmitting at its highest certified power level, and follow the testing methods set by the government. While there may be differences between the SAR levels for various handsets, they all meet the governmental requirements for safe exposure. The actual SAR level of the handset while operating can be well below the highest value. This is because the handset is designed to operate at multiple power levels so as to use only the power required to reach the Network.

Additional information on SAR can be obtained on the following Websites:

Ministry of Internal Affairs and Communications (Protection from Radio Wave Environment)

http://www.tele.soumu.go.jp/e/ele/index.htm

Association of Radio Industries and Businesses (ARIB)

http://www.arib-emf.org/index02.html (Japanese only)

* Requirements are stipulated in Radio Law (Ordinance Regulating Radio Equipment, Article 14-2).

Getting Started

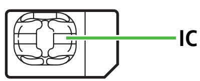
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USIM Card Installation ... 1-3
USIM PINs ... 1-4
Parts & Functions ... 1-5
Handset ... 1-5
Quick Keys ... 1-7
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Center Access Code ... 1-24
Call Barring Password ... 1-24

USIM Card

About USIM Card

Universal Subscriber Identity Module (USIM) Card is an IC card containing customer and authentication information, including handset number, and limited Phone Book entry and SMS message storage. USIM must be inserted to use 821P or Network services (calling, messaging, Internet, etc.).
Turn handset off before inserting/removing USIM Card.

- Insert USIM Card into other compatible SoftBank handset to use information saved on USIM Card.
- Use SoftBank specified USIM Card only; non-specified USIM Cards may not function properly.
- Do not insert USIM Card into other IC card devices. SoftBank is not liable for any resulting damages.
- Keep IC portion clean.
- Do not damage, carelessly touch or short-circuit IC chip; doing so may result in loss of data or malfunction.
- Remove dust/debris with a soft, dry cloth.
- Do not place labels, etc. on USIM Card; may cause failure.



USIM Card

- If 821P is dropped/subjected to shock, ***Restarting USIM Please wait*** may appear; 821P returns to Standby. This is not malfunction. If ***Insert USIM*** appears, re-insert USIM Card properly then restart 821P.

Important

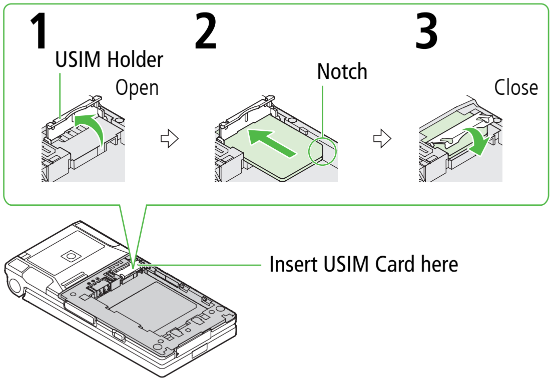
- USIM Card is the property of SoftBank.
- Return USIM Card to SoftBank upon service cancellation.
- USIM Card will be reissued for a fee if lost or damaged.
- If USIM Card/821P with USIM Card inserted is lost or stolen, contact SoftBank Customer Center or Global Call Center (☞P.17-40).
- Back up USIM Card files. SoftBank is not liable for lost files.
- USIM Card specifications/performance may change without prior notice.
- Pre-installed S! Applications (BookSurfing®, Near Chat, etc.) may be unusable while a different or replacement USIM Card is inserted into 821P.
- Returned USIM Cards are recycled.

Note: Some downloaded files may be inaccessible after upgrades/repairs, USIM Card/handset replacement.

USIM Card Installation

- Remove battery (☞P.1-13) then follow steps below.

Inserting



1 Open USIM Holder

2 Insert USIM Card (gold IC facing down) as shown

3 Close USIM Holder

- Press cover until it clicks shut.

Removing

1 To open Holder, follow Step 1 for inserting USIM Card (☞Left), then slide out USIM Card gently

Note

- Do not force USIM Card into or out of 821P; may damage handset/USIM Card.
- Be careful not to lose the removed USIM Card.
- Avoid touching USIM Card terminals or IC chip; doing so may hinder performance/USIM Card recognition.
- Do not open/close USIM Holder by force; doing so may damage USIM Card.

USIM PINs

There are two USIM Card security codes: ***PIN1*** & ***PIN2***.

PIN1

<Default> 9999

4 to 8-digit code used to prevent unauthorized 821P use.

- PIN1 can be changed (☞P.10-3).
- When PIN Entry is ***ON*** (☞P.10-2), PIN1 entry is required each time 821P is turned on (with USIM Card inserted).

Note

When PIN Entry is ***ON*** (☞P.10-2):

- Signal Indicator may take some time to appear in Standby after entering PIN1.
- Enter PIN1 to dial emergency numbers (110, 119, 118).

PIN2

<Default> 9999

Required to clear All Calls or set Cost Limit and Currency Setting (☞P.16-9).

- PIN2 can be changed (☞P.10-3).

PIN Lock & Cancellation (PUK)

PIN1 Lock or PIN2 Lock is activated if PIN1 or PIN2 is incorrectly entered three times. Cancel PIN1 Lock or PIN2 Lock by entering the PIN Unblocking Key (PUK/PUK2) (☞P.10-3).

- For information on PUK, contact SoftBank Customer Center, General Information (☞P.17-40).

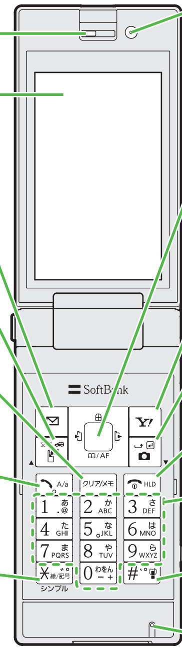
Note

- If PUK is incorrectly entered ten times, USIM Card is locked and handset is disabled. Write down PUK.
- For procedures required to unlock USIM Card, contact SoftBank Customer Center, General Information (☞P.17-40).

Parts & Functions

Handset

Internal



Earpiece

Main Display

Left Softkey

Execute Left Softkey function or open Messaging menu in Standby

Video Call/Input Mode/Drive Mode Key

Initiate Video Call to number on Display
Toggle input mode in text entry windows
Press and hold in Standby to toggle Drive mode

Clear/Memo Key

Delete characters or highlighted items; cancel menus; press and hold to activate/cancel Answer Phone

Send & A/a Key

Initiate or answer calls; toggle upper/lower case roman letters in text entry windows

✱/Symbol/Simple Mode Key

Access pictographs/symbols in text entry windows; press and hold to toggle Simple Mode

Internal Camera

Use during Video Calls

Multi Selector

Scroll up, down, left, right to navigate menus and text
Press to select a menu item, release shutter or start recording

Right Softkey

Execute Right Softkey function or open Yahoo! Keitai Main Menu in Standby

Camera & Line Break Key

Activate Camera in Standby; enter a line break or toggle letters in reverse order in a text entry window

End/Escape & Power Key

Press and hold to turn power on/off
Reject/end calls; return to Standby

Keypad

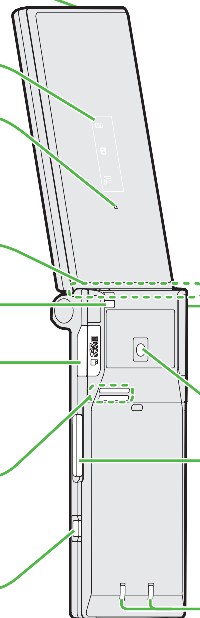
0 - 9

#/Manner Key

Press and hold in Standby to toggle Manner mode

Microphone

External



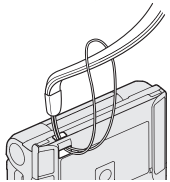
Infrared Port
Transfer data via Infrared

External Display

Notification Light/Charging/ Camera Mode Indicator
Lights for incoming transmissions, charging or while Camera/Video is active

Antenna

Strap Eyelet

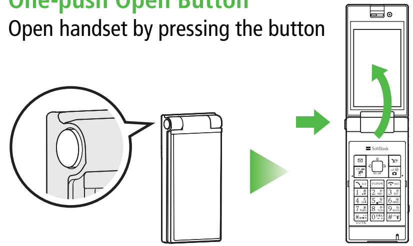


Memory Card Slot
Insert microSD Card here
(☞P.8-15)

Speaker

Side Key
While 821P is ringing, press to mute ringer; press and hold to toggle Manner mode

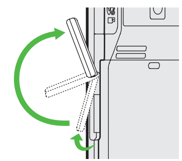
One-push Open Button
Open handset by pressing the button



- Close handset by hand. When difficult to close, open handset all the way once, then close.
- Activate Clamshell Control (☞P.16-10) to answer/end calls, view Missed Call Log, etc. by opening/closing handset.

External Camera

Earphone Port



Charging Terminals

External Port
Connect AC Charger or other accessories (not included) here

Quick Keys

In Standby

Short Press	[Center key]	Open Main Menu/ Unlock Keyguard
	[Up key]	Show/select Standby Window*1
	[Down key]	Open Phone Book
	[Left key]	Open Incoming Call Log
	[Right key]	Open Outgoing Call Log
	[Mail key]	Open Messaging menu list
	[Y! key]	Access Yahoo! Keitai top menu
	[Start key]	Open number entry field*2
	[クリア/メモ key]	Open Answer Phone Message List
	[文字 key]	Open Calendar
	[Camera key]	Open Camera
	(Side Key)	Toggle External Display while handset is closed

In Standby (continued)

Long Press (more than one second)	[Center key]	Lock Keyguard
	[Up key] / [Down key]	Open Volume settings
	[End key]	Press and hold for a few seconds to turn 821P power off
	[Mail key]	Open S! Mail composition window
	[Y! key]	Open Yahoo! Keitai menu list*1
	[0] - [9]	Open Phone Book entries on the page assigned to each key
	[* key]	Activate or cancel Simple mode
	[# key] / (Side Key)	Activate or cancel Manner mode
	[クリア/メモ key]	Toggle Answer Phone ON/OFF
	[文字 key]	Activate or cancel Drive mode
	[Camera key]	Open Video Camera

During a Voice Call

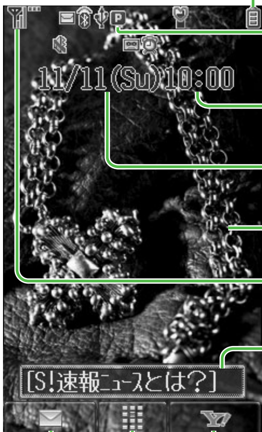
Short Press	[Up key] / [Right key]	Increase volume
	[Down key] / [Left key]	Decrease volume
	[Mail key]	Open optional menus
	[Y! key] / [End key]	End a call
	[Center key] / (Side Key)	Make voice memo

*1 Invalid during Simple mode

*2 Use when making international calls (☞P.2-3, P.2-12)

Display

Main Display



Time

Date

Wallpaper

Standby Window (S! Quick News) (☞P.13-15)

Left Softkey Function

Right Softkey Function

Multi Selector

- Keyguard Locked (☞P.10-4)
- Password Lock Active (☞P.10-4)

Battery Level

- Level 3
- Level 2
- Level 1
- Level 0 (Bar appears in red)

● Charge battery when **Level 1** appears.

Network Service/Data Transmission

- 3G Packet Data Transmission Available
- GSM Packet Data Transmission Available
- Connecting to Network for Packet Data Transmission on PC
- Dial-up Connection established on PC
- / Packet Data Transmission Enabled (3G/GSM)
- / Packet Data Transmitting (3G/GSM)

Signal Strength

- Strong
- Moderate
- Low
- Weak
- Out-of-Range
- Offline Mode

● (Antenna appears in red)
Only Packet Data Transmission Available

External Display



Date

Time

(Side Key)



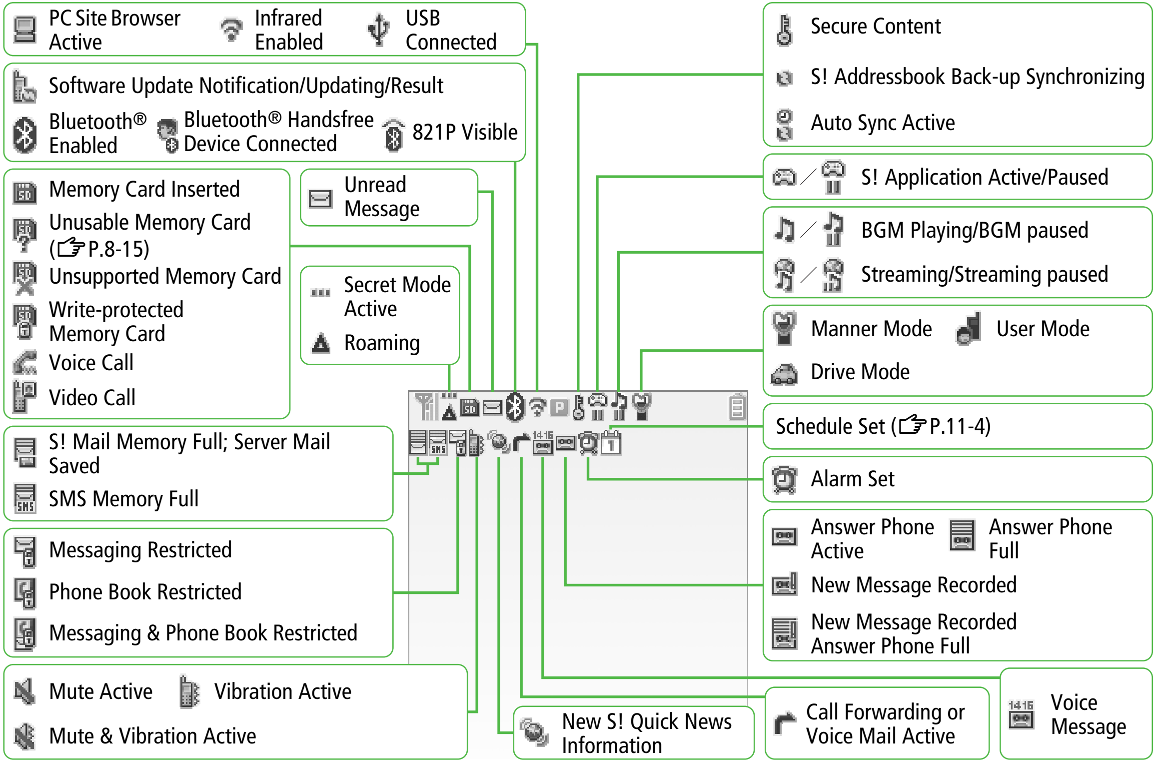
(Side Key)



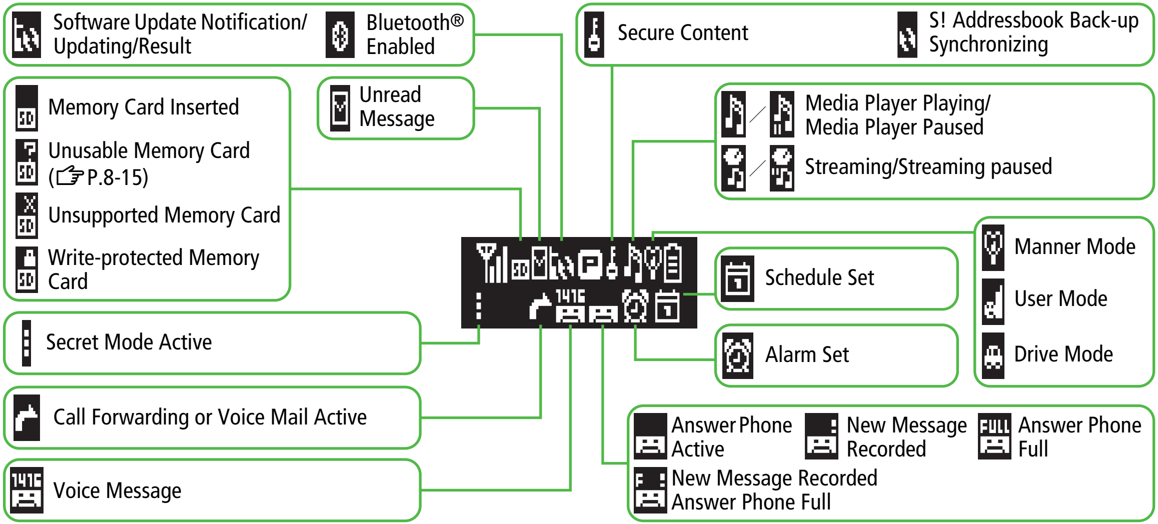
(Side Key)

● Upon closing handset, External Display lights up and goes out in 15 seconds.

Main Display Indicators



External Display Indicators



Indicators Corresponding to Information Window

When information appears in Main Display (☞P.1-16), Indicators corresponding to the information appear in bottom of External Display.

- Missed Call
- Incoming Call Notification
- New Message
- New Answer Phone Message
- New Voice Mail
- Software Update Results

About Battery

Before Charging

Charge battery before use or after a period of disuse. (AC Charger sold separately)

Charging Time & Operating Time Estimates

		3G Mode	GSM Mode
Charging Time		130 minutes*	
Standby Time		400 hours*	300 hours*
Talk Time	Voice Call	200 minutes*	
	Video Call	100 minutes*	–

* Approximate value

- 3G Mode/GSM Mode: ☞P.2-12
- Talk Time is an average measured with a new, fully charged battery, with stable signals.
- Standby Time is an average measured with a new, fully charged battery, with handset closed without calls or operations, in Standby with stable signals.
- Talk Time and Standby Time may vary by environment (battery status, temperature, etc.).

About Battery

- Clean 821P, battery & charger with dry cotton swab.
- Replace battery if operating time shortens noticeably.
- Charge battery at least once every six months.
- Use a case when carrying battery separately.

Charging

- Battery must be installed to charge it.
- It may take longer for charging when handset is on.
- Move charger away from TV/radio if interference occurs.

Battery Time

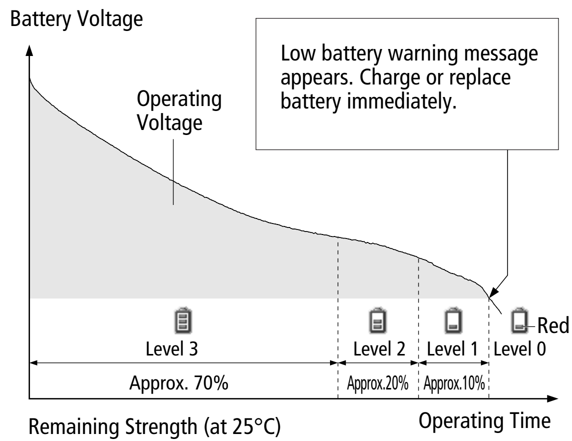
- Using handset in poor conditions may shorten battery time.
  - Extreme temperatures
  - Impaired handset, battery or Charging Terminals
  - Signal is weak/handset is out-of-range
  - Playing music or using S! Appli, etc.
- Extending battery time
  Example:
  - Select shorter display backlight time (☞P.16-3).
  - Select ***Silent*** for Key Tone Volume (☞P.16-3) and ***OFF*** or shorter time for Keypad Backlight (☞P.16-7).

When Battery Runs Out

- Unless a Call is in Progress
  A message appears and warning tone sounds. Warning tone ends automatically after two minutes; press , or to cancel warning tone manually. Charge or replace battery.
  - If Manner mode is active/Warning Tone ***Off***, nothing sounds.
  - When 821P is closed, press (Side Key) to cancel warning tone.
- During a Call
  A message appears and warning tone sounds via Earpiece or Speaker. After 90 seconds, call ends and 821P shuts down in 30 seconds. Charge or replace battery.

Battery Strength Indicator

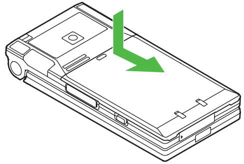
- Battery Strength indicator changes as remaining usage time decreases. Charge or replace battery when battery level is low (☞P.1-8) or a message appears on Display.



Battery Installation

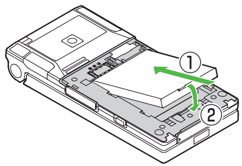
- Always turn off handset power before removing battery.

1 Slide battery cover, then lift to remove



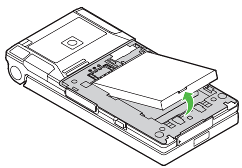
2 Insert Battery

Align battery contacts with handset pins.



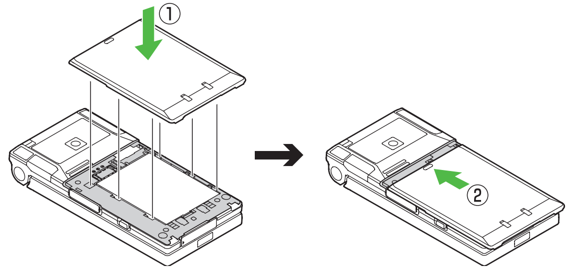
Remove Battery

Lift battery out as shown.



3 Replace battery cover

Cover should click into place.



Note

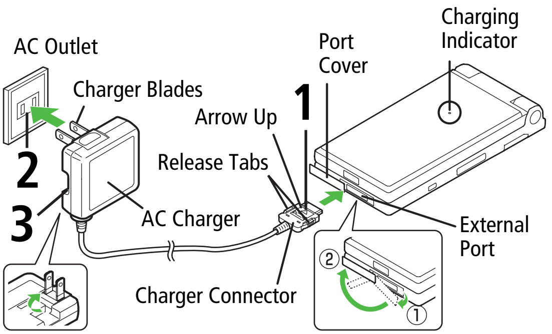
- When battery is removed just after changing handset settings, changes may not take effect.
- Lithium-ion batteries are valuable and recyclable resources.
  - Recycle used lithium-ion battery at a shop displaying the symbol shown to the right.
  - To avoid fire or electric shock, do not:
    - Short-circuit battery
    - Disassemble battery

Li-ion

Charging Battery

Use only specified AC Charger (sold separately).

Charging Time: Approximately 130 minutes



1 Connect AC Charger to handset

Lift right side of Port Cover, and rotate 180° downward.

Insert Charger Connector (printed side up) into External Port.

2 Plug AC Charger into AC Outlet

Extend Charger Blades.

Charging Indicator illuminates and charging starts.

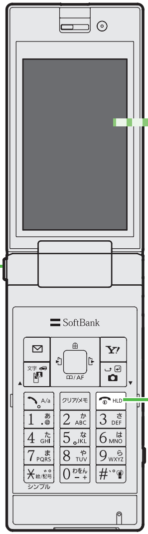
When charging is complete, Charging Indicator goes out.

3 When charging is complete, unplug AC Charger, then disconnect handset

Squeeze Release Tabs to remove Charger Connector, and replace Port Cover.

Note: For details, read AC Charger instructions.

Handset Power On/Off





Standby

1 Open handset

Press One-push Open Button to open (☞P.1-6).

2 Press and hold for 3+ seconds

Handset enters Standby.

3 Press and hold for 2+ seconds

Handset shuts down.

The First Time 821P Powers Up…

Setup window appears; enter date and time.

Enter date → → Enter time (24 hours) →

Day of the week is set automatically.

- If unentered, **2007/01/01 00:00** is set by default.

Note

- Standby Display may take a few moments to appear.
- If ***Insert USIM*** appears, clean and properly re-insert USIM Card then restart 821P.
- After a period of inactivity, Display turns off.

Tip

- Enter PIN1 each time handset is turned on to verify user (☞P.10-2)

Settings ●Change date and time (☞P.16-6)

Retrieving Network Information

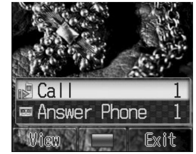
When , or is pressed for the first time, 821P initiates Network Information retrieval; to retrieve it.

- Update Network Information to use messaging, Internet, etc.
- Update Network Information manually: **Main Menu ▶ Connectivity ▶ Retrieve NW Info**

Information in Standby

Information Window

In Standby, Information window opens for missed calls, messages, Answer Phone messages, etc.



1 to select an item → or **[View]**

Events

Call	Missed calls (☞P.2-9)
Message	Received messages (☞P.12-9) When Feeling Mail is received, a pictograph that shows emotion set by sender, and sender name, mail address or phone number appear
Answer Phone	Recorded caller messages (☞P.2-7)
Voice Mail	Unanswered call forwarded to Voice Mail Center (☞P.17-5)
Missed Call	If Missed Call Notification is active, Information window opens for calls missed while handset is off, out-of-range, engaged, etc. (☞P.17-5)
Update Results	Received software update results (☞P.17-19)

- To close Information window: , **[Exit]** or

Note: Call operations such as making calls are available while Information window is open.

Standby Window

Set Standby Window to appear at bottom of Display. Customize Standby Window by setting Shortcuts and/or S! Quick News to appear. By default, Standby Window is ON and set to S! Quick News.

- Show/hide Standby Window manually (☞P.16-4).
- S! Quick News: ☞P.13-15



S! Quick News

Changing Templates

<Default> S! Quick News

1

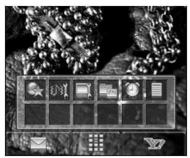
Ticker (selected item) changes color.

2 **[Menu]** → ***Change Templates*** →

3 ***Shortcuts & S! Quick News***, ***Shortcuts*** or ***S! Quick News*** →



Shortcuts & S! Quick News


Shortcuts

Transparency

Set transparency level of Standby Window.

 → **[Menu]** → ***Background of Panel*** → → ***Thick***, ***Middle*** or ***Light*** →

When Standby Window is Set to ON (Manually)

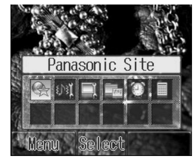
When Standby Window is set to ***ON (Manually)*** (☞P.16-4), press to show/hide Standby Window. Press to show Standby Window when hidden. Press to deselect a shortcut icon or ticker.

Accessing Functions from Shortcut Icons

1 to select Standby Window, then to select an icon

The selected function name appears at top of panel.

- To deselect: or



2 to access function

Adding Shortcut Icons

<Default> Panasonic Site, Sound Settings, Display Settings, Pictures (Data Folder)**, Alarms, Calculator**

Add frequently used functions to Shortcuts.

1 → to select target → **[Menu]** → ***Set Shortcuts*** →

2 ***Applications***, ***Bookmarks*** or ***Phone Book*** →

3 Select a function or entry → **[Entry]**

Moving Icons

Select an icon to move in Step 1 → **[Menu]** → ***Move*** → → to select a position →

Deleting Icons

Select an icon to delete in Step 1 → **[Menu]** → ***Remove*** → →

Adding Content & Changing Settings

Add or Set S! Quick News in Standby Window.

1 to select ticker → **[Menu]**

2 **Add Content**

Add S! Quick News → → ***S! Quick News*** or ***S! Loop*** → → Select a content → →

Settings

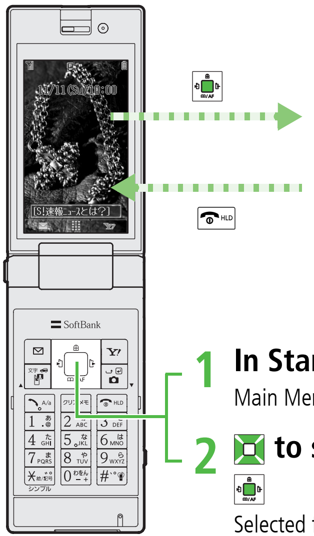
S! Quick News Settings → → ***Auto Refresh*** or ***Display Setting*** →

Go to P.16-21 and follow steps.

- For ***Display Settings***, perform from ***Standby Window Display***.

Handset Menus

Main Menu





Main Menu

1 In Standby, (key)

Main Menu appears.

2 (key) **to select an icon →** (key)

Selected function menu appears.

- To return to Standby: (key)

Tip

Settings ●Change Main Menu theme ●Change Main Menu background ●Change Main Menu icons (☞P.16-5)

Main Menu Icons

Messaging Create new/view received messages	**Yahoo! Keitai** Enjoy Mobile Net & PC Site browsing…	**S! Appli** Download, set and use S! Applications
Communication Access S! Town, S! Loop, Near Chat	**Camera** Capture images or record video clips	**Entertainment** Use Media Player & E-Books
Tools Set Alarm or save Calendar entries…	**Data Folder** Open files saved on 821P/Memory Card	**Bar Code Reader** Use Bar Code Reader
Connectivity Use Infrared, Bluetooth®, etc.	**Phone Book** Save entries to call or send messages…	**Settings** Adjust/customize handset settings

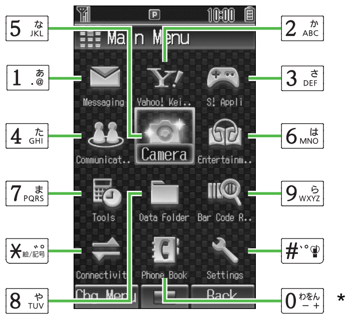
Menu Numbers

Use keypad to select functions or menu items.

Unnumbered Menu Items

When numbers do not appear, select items as shown.

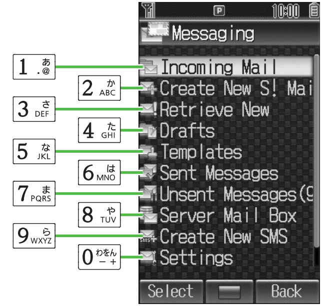
Example 1: 1 to select ***Messaging*** from Main Menu



Main Menu Item Key Assignments

* Press 0 to open Account Details. To open Phone Book top menu, press the navigation key to select ***Phone Book***, then press the center key.

Example 2: 0 to select ***Settings*** after Example 1



Messaging Menu Item
Key Assignments

Numbered Menu Items

Press keys to select corresponding menu items.

Example 1: In Display Settings, 5 to select ***Themes***



S! Familiar Usability

Download S! Familiar Usability applications that mimic the interface design of other handsets.

Downloading S! Familiar Usability

Download S! Familiar Usability applications from websites.

Main Menu ▶ Data Folder ▶ S! Familiar Usability

1 ***Download S! Familiar Usability*** →

821P connects to the Network, and the website providing S! Familiar Usability applications appears.

Follow onscreen instructions.

- To manage S! Familiar Usability applications in Data Folder: ☞P.8-8

Setting S! Familiar Usability

1 In Standby,

2 **[Chg.Menu]** → ***S! Familiar Usability*** →

3 Select a theme → **[Set]** →

Offline mode starts while switching. All calls/messages are blocked in the meantime.



Note

- S! Familiar Usability does not completely remake handset.
- Alternatively, **Main Menu ▶ Settings ▶ Display Settings ▶ Change Menu Theme ▶ S! Familiar Usability**.

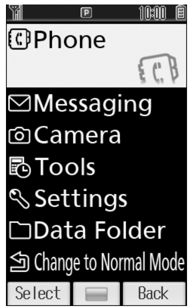
Simple Mode

Activate Simple Mode to limit menu options to basic ones. Enlarge fonts in Messaging, Phone Book, Call Log and Browser menus, and maximize volume.

- Handset is limited to basic operations (☞P.1-23).
- Font size cannot be changed.
- To change volume: (☞Right)



[Normal Mode Window]



[Simple Mode Window]

Font Size: Large
Earpiece Volume: Volume 6

Activating Simple Mode

1 In Standby, press and hold →

- To cancel: Press and hold → again.

Changing Earpiece Volume

In Standby, press and hold or (short press during a call).

Positioning Clock in Standby

In Simple Mode, **Main Menu** ▶ **Settings** ▶ **Standby Display Clock** ▶ **Lower Center**

Setting/Canceling from Main Menu

- Normal Mode: **Main Menu** ▶ **Settings** ▶ **Phone Settings** ▶ **Change Simple Mode** →
- Simple Mode: In Standby, → ***Change to Normal Mode*** → →

Note

- While switching between modes, other functions are not available. For approximately 30 seconds after mode switching is complete, all calls/messages are blocked.
- Turning off the power does not cancel Simple Mode.
- Standby Window (☞P.1-17) is not available in Simple Mode.

Simple Mode Menu

In Standby, press [key] to open Simple Mode Menu.

Simple Mode Menu List

Phone	View Phone Book	☞P.4-9
	Create New Entry	☞P.4-4
	Call Log	☞P.2-9
	Message List	☞P.2-7
	Voice Mail	☞P.17-4
	Account Details	☞P.4-13
Messaging	Incoming Mail	☞P.12-9
	Create New S! Mail	☞P.12-4
	Drafts	☞P.12-18
	Retrieve New	☞P.12-17
	Sent Messages	☞P.12-14
	Unsent Messages	☞P.12-14
	Create New SMS	☞P.12-8
Camera	Take Photos	☞P.6-7
	View Photos	☞P.6-14
	Record Movies	☞P.6-9
	View Movies	☞P.6-14
Tools	Calendar	☞P.11-2
	Alarms	☞P.11-6
	Bar Code Reader	☞P.11-11
	Calculator	☞P.11-9
	Memo Pad	☞P.11-9
	Voice Recorder	☞P.11-10
Settings	Ringer Volume	☞P.16-2
	Assign Ringtone	☞P.16-2
	Vibration Alert	☞P.16-2
	Wallpaper	☞P.16-3
	Standby Display Clock	☞P.1-22
	Date & Time	☞P.16-6
Data Folder	Pictures	☞P.8-5
	Videos	☞P.8-5
	Ring Songs&Tones	☞P.8-5
	Amusement (S! Appli/ Music/Flash(R)/Books/ Templates)	☞P.8-5
	S! Familiar Usability	☞P.1-21
	Other Documents	☞P.8-5
	Memory Status	☞Tsukaikonashi Dokuhon (Japanese)
Change to Normal Mode	-	☞P.1-22

Passwords

Handset Code, Center Access Code and Call Barring Password are needed for 821P use.

Handset Code

<Default> 9999

Required to use/change some handset functions.

- ✳ appears for each digit entered.
- Handset Code can be changed on 821P (☞P.10-2).
- If Handset Code is incorrectly entered three times, warning message appears. Turn off handset and retry to enter.

Center Access Code

4-digit number specified at initial subscription; required to access Voice Mail via landlines or subscribe to fee-based information.

- Do not attempt to change Center Access Code. For details, contact SoftBank Customer Center, General Information (☞P.17-40).

Call Barring Password

4-digit number specified at initial subscription, required to restrict handset services (☞P.17-6).

- If entered incorrectly three times, Call Barring settings lock; Call Barring Password & Center Access Code must be changed. Reach SoftBank Customer Center, General Information (☞P.17-40) for details.
- Call Barring Password can be changed on 821P (☞P.17-7).

Note

- Write down Handset Code, Center Access Code and Call Barring Password.
- Do not reveal Handset Code, Center Access Code and Call Barring Password. SoftBank is not liable for misuse or damages.
- For details, contact SoftBank Customer Center, General Information (☞P.17-40).

Basic Operations

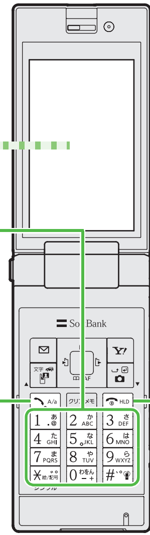
Making Voice Calls 2-2
Calling within Japan 2-2
Calling from Outgoing Call Log..............................2-3
Calling Abroad from Japan 2-3
Emergency Calls (110, 119, 118)...........................2-4
Answering Voice Calls 2-5
Calling from Incoming Call Log..............................2-6
Answer Phone 2-6
Activating/Canceling Answer Phone.......................2-6
Answer Time 2-7
Playing Messages 2-7
Engaged Call Operations 2-8
Earpiece Volume 2-8
Handsfree Conversations 2-8
Voice Recorder 2-8
More Engaged Call Operations 2-8
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Viewing Call Logs...2-10
Using Call Log Records.......................................2-10
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Calling while Abroad 2-12
Network Mode..2-12
Making Calls while Abroad..................................2-12
Manner Mode 2-13
Minding Mobile Manners 2-13
Manner-related Features 2-13
Activating Manner Mode.....................................2-14
Activating Offline Mode 2-14
Activating Drive Mode...2-15

Making Voice Calls

Calling within Japan

Before Calling

- Confirm signal strength (☞P.1-8)
- If any of these indicators appear OUT (red) → calls cannot be made (☞P.1-8, P.17-17)



Show or Hide Caller ID

Enter number → [Menu] → *My Caller ID* → → *Show* or *Hide* →

- To always show/hide your Caller ID (Caller ID: ☞P.17-7)

Correcting Misentries

Use to place cursor after digit(s) to delete, then . Press and hold to delete all digits.

1 Enter number

- Include area code for all numbers.
- To enter a pause: Press and hold



2 Confirm the number then

3 to end call

Call Time appears.

Note

- Use P (pause) to separate numbers when saving touch tones (☞P.2-8) to Phone Book.
- Do not cover internal antenna area (☞P.1-6) with hand or sticker; may weaken signal strength and cause calls/transmissions to be unavailable.

Tip

●Calling Abroad from Japan (☞P.2-3) ●Making Calls while Abroad (☞P.2-12) ●Making Video Calls (☞P.5-3)

Settings ●End calls by closing handset (☞P.16-10) ●Call Time & Call Cost (☞P.16-9)

Calling from Outgoing Call Log

Up to 50 records appear in Outgoing Call Log. Call numbers directly from Call Log records.

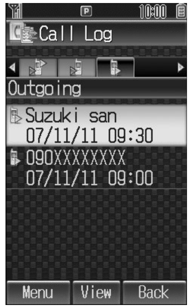
- Call Log Status Indicators (☞P.2-9)

1 In Standby,

Records appear newest first. If number is saved in Phone Book, name appears.

2 Select a phone number →

- To make Video Calls/ international calls, or to show/ hide Caller ID: ☞From Step 2 on P.2-10



Note
- When the same number is called more than once, only the most recent record appears.
- Call Log records remain after 821P is turned off.
- When 50 records are saved, oldest is deleted first.

Calling Abroad from Japan

- Requires separate subscription; contact SoftBank Customer Center, General Information (☞P.17-40).
- Call SoftBank handsets without entering country number.
- To make calls while abroad: ☞P.2-12

1 Enter a phone number

2 **[Menu]** → ***International Call*** →

Country Number List appears.

3 Select a country → →

Enter Country Number Directly

→ Press and hold to enter **+** (International Code) → Enter country number → Enter number (omit first **0**) →

- International Code is set to **0046010** by default. Change as required (☞P.16-8).
- Do not omit leading **0** to call to Italy (country number: 39).

Add to Country Number List

In Step 3, **[Menu]** → ***Add*** → → Enter country name → → Enter country number → .

Emergency Calls (110, 119, 118)

Call 110 (Police), 119 (Fire & Ambulance) or 118 (Coast Guard) even when some handset restrictions are active.

Emergency Numbers are Invalid When

- Offline mode is active (☞P.2-14)
- PIN Entry window appears (PIN1 Entry is ***ON***) (☞P.10-2)
- USIM Card is not inserted

Emergency Positioning Request

When an emergency call is made from a mobile phone, location is reported to first response agencies such as the police.

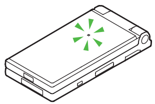
- Location information may be inaccurate due to location or signal conditions. Describe location or nearby landmarks.
- Base Station Positioning System is accurate within 100 meters to 10 kilometers. Location information from distant base stations may be inaccurate.
- Function available where first response agencies have completed system installation.
- Dialing 184 before 110, 118 or 119, cancels location report. However, first responders may obtain location information for immediate and serious threats to life.
- Not available for international roaming.
- Requires no separate subscription or communication fees.

Note: Emergency numbers may not be dialable outside Japan depending on the network available or handset settings.

Answering Voice Calls

When a Call Arrives…

821P rings; Notification Light flashes.



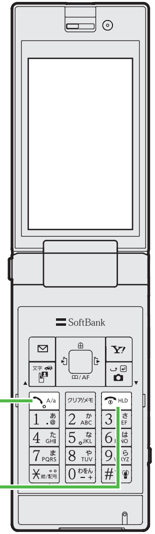
If Caller ID is sent, number appears in Main Display and External Display; if saved in Phone Book, caller's name appears.

1 **to talk**

- To adjust volume: or

2 **to end call**

Call Time appears.



Note When Caller ID is not sent, ***Withheld*** appears.

Place a caller on hold when you cannot answer (Hold)

When a call arrives, press . Hold guidance is sent to the caller. To answer the call, press **[Accept]**.

- Call charges apply while on hold.

Forwarding Calls

Activate Call Forwarding (☞P.17-2) beforehand to automatically forward incoming calls to a preset number. When a call arrives, press **[Forward]**. If Call Forwarding is not active, call is rejected.

Rejecting Calls

When a call arrives, press **[Reject]**.

Mute Ringer

While ringing, press **[Mute]** or (Side Key) to mute ringer.

Tip

●Rejecting Specific Calls (☞P.10-5) ●Rejecting Specific Numbers (☞P.10-6)

Settings ●Make multiple keys valid to answer calls ●Answer calls by opening handset (☞P.16-10)

Calling from Incoming Call Log

Up to 50 records appear in Incoming Call Log. Call numbers directly from Call Log records.

- Call Log Status Indicators (☞P.2-9)

1 In Standby,

Records appear newest first. If a number is saved in Phone Book, name appears.

2 Select a phone number or name →

- To make Video Calls/ International calls, or to show/ hide Caller ID: ☞From Step 2 on P.2-10



Note
- Call Log records remain even if 821P is turned off.
- When 50 records are saved, oldest is deleted first.

Answer Phone

Record up to eight voice messages on 821P.

- When Answer Phone is active, appears in Standby.
- Unavailable when: handset is off or Offline; OUT appears. Use Voice Mail (☞P.17-4).

Activating/Canceling Answer Phone

<Default> OFF

1 In Standby, press and hold クリア/メモ

- To cancel: Press and hold クリア/メモ again.



Redirecting a Call to Answer Phone

When a call arrives while Answer Phone is not active, press クリア/メモ to activate Answer Phone. Recording starts. Answer Phone remains active.

Note
- Alternatively, activate/cancel from **Main Menu** ▶ **Tools** ▶ **Answer Phone** ▶ **Settings** ▶ **ON/OFF**.
- When full, new messages cannot be recorded even if Answer Phone is activated. Delete old messages.
- Answer Phone does not respond to Video Calls.

Answer Time

<Default> 18 seconds

Set time before which call is redirected to Answer Phone.

Main Menu ▶ Tools ▶ Answer Phone ▶ Settings ▶ Answer Time

1 Enter answer time →

Answer Time Priority

- When Answer Phone and Voice Mail or Call Forwarding are both active, function with shorter answer time takes priority. For example, if Answer Phone Answer Time is ***18 sec*** and Optional Service is 20 seconds, Answer Phone responds first. (Priority may change due to signal conditions.)
- Even if Answer Phone takes priority, call is forwarded to Voice Mail or forwarding number when Answer Phone is full.

Playing Messages

When a new message is recorded, Information window opens (☞P.1-16) and appears in Standby.



1 In Information window, ***Answer Phone*** →

2 Select a message →

Playback starts.

After playback ends, Information window and disappear.

Calling Sender

Select a message → **[Menu]** → ***Call*** →

Deleting Messages

Select a message → **[Menu]** → ***Delete*** or ***Delete All*** → → **[YES]** → When selecting ***Delete All***, enter 4-digit Handset Code (☞P.1-24) →

Saving to Phone Book

Select a message → **[Menu]** → ***Add to Phone Book*** → → (☞From Step 1 on P.4-4)

Note: Alternatively, in Standby, press or **Main Menu ▶ Tools ▶ Answer Phone ▶ Message List**.

Engaged Call Operations

Show operations during Voice Calls.

- Video Call Operations: ☞P.5-5

> Note: During a call, Display turns off after approximately one minute to reduce power consumption. When Display Backlight is off, press [HLD] to end a call. Press any other key to activate Display Backlight (must be on to use engaged call operations).

Earpiece Volume

<Default> Volume 4

1 During a call, [▲] or [▼] to adjust the volume

- New setting remains valid after call ends or 821P is turned off.

> Note: To change Earpiece Volume in Standby, press and hold [▲] or [▼] to open Earpiece Volume window.

Handsfree Conversations

Hear the other party's voice via Speaker.

1 During a call, [✉]**[Menu]** → ***Speaker ON*** → [●]

Talk handsfree.

- To cancel: [✉]**[Menu]** → ***Speaker OFF*** → [●]

> Note: To change modes while using a Bluetooth® device: [✉]**[Menu]** → ***Change to Bluetooth***, ***Speaker ON (Phone)*** or ***Speaker OFF(Phone)*** → [●]

Voice Recorder

Record up to 60 seconds of a call.

1 During a call, [●] or [ ] (Side Key)

Recording starts after a tone.

2 [●] or [ ] (Side Key) to stop recording

.amr file is saved to Ring Songs&Tones (Data Folder).

> Note: Alternatively, [✉]**[Menu]** → ***Record*** → [●].

More Engaged Call Operations

Sending Touch Tones

During a call, use keypad to send touch tones for Voice Mail or other touch tone activated services.

1 During a call, [0] - [9], [*] or [#]

Opening Phone Book

Open Phone Book during a call.

1 During a call, **[Menu]** → ***Phone Book*** →

Phone Book opens.

Placing Call on Hold

When a call is put on hold, caller is informed.

- Call Waiting or Multiparty Call subscription required to use Hold.

1 During a call,

The call is put on and the caller is informed.

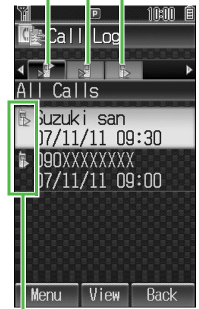
- To cancel: again

Note	Alternatively, **[Menu]** → ***Hold Call*** or ***Resume Call*** → .

Call Log

Incoming and outgoing call records appear here.

All Calls: All dialed/received calls
Incoming: All received calls (up to 50 records)
Outgoing: All dialed calls (up to 50 records)



Status Indicators

Answered Voice Call	Answered Video Call
Missed Voice Call	Missed Video Call
Rejected Voice Call	Rejected Video Call
Outgoing Voice Call	Outgoing Video Call

Viewing Call Logs

1 In Standby, → Select a Call Log

2 To see record details, to select one →

Deleting Call Log Records

Select a record in Step 2 → **[Menu]** → ***Delete*** → → ***One*** or ***All*** → → **[YES]** → When selecting ***All***, enter 4-digit Handset Code (☞P.1-24) →

Note

- When a number is called more than once, only last record appears.
- Call Log records remain even if 821P is turned off.
- When the maximum number of records are saved, oldest is deleted first.
- Call Log can also be opened from **Main Menu** ▶ **Phone Book** ▶ **Call Log**.

Using Call Log Records

Making Calls

1 to select a Call Log

2 to select a record → **[Menu]** → ***Call*** →

3 ***Voice Call***, ***Video Call*** or ***International Call*** →

4 If ***International Call*** is selected in Step 3, select a country → →

Show or Hide Caller ID

In Step 3, ***Show Number*** or ***Hide Number*** → → **[Menu]** → ***Call*** → → ***Voice Call*** or ***Video Call*** →

Creating Messages

● Available when messaging to SoftBank handset numbers.

1 to select a Call Log

2 to select a record → **[Menu]** → ***Create Message*** →

3 ***S! Mail*** or ***SMS*** → → Create message
(S! Mail: ☞From Step 4 on P.12-5/
SMS: ☞From Step 4 on P.12-8)

Saving to Phone Book

1 to select a Call Log

2 to select a record → **[Menu]** → ***Add to Phone Book*** →

3 ***Create New Entry*** or select an existing entry → → (☞From Step 1 on P.4-4)

My Number

Confirm handset phone number in Account Details (☞P.4-13). Also confirm data saved in Account Details: name, mail address, etc.

1 In Standby, 0

Account Details appears.



Calling while Abroad

Make Voice Calls while outside Japan.

- Before leaving Japan, sign up for Global Roaming Service. Details and applications are available online: http://mb.softbank.jp/mb/en/global_service/

Network Mode

<Default> Automatic

Adjust Network mode for current country or region.

3G/GSM	3G/GSM service area in Japan or abroad. 821P selects an available network automatically using area (network condition).
3G	3G service area in Japan or abroad.
GSM	GSM service area abroad. Unavailable in Japan.
Automatic	3G/GSM service area in Japan or abroad. 821P selects 3G service area in Japan, and selects available network automatically using area (network condition) abroad.

Main Menu ▶ **Settings** ▶ **Call Settings** ▶ **Optional Services** ▶ **International Setting** ▶ **Select Network**

1 ***3G/GSM***, ***3G***, ***GSM*** or ***Automatic*** → [key]

Making Calls while Abroad

Calling Other Countries from Abroad

1 In Standby, [key] → Press and hold [0 key]

\+ (International Code) appears.

2 Enter a country number, area code (excluding **0**) and a phone number → [key]

- Do not omit leading **0** to call to Italy (country number: 39).

Note: International Code is set to **0046010** by default. The number can be changed if required (☞P.16-8).

Calling Domestic Landlines & Mobiles Abroad

1 In Standby, enter a phone number → [key]

Tip

Settings ●Change International Code ●Edit country number list ●Add/delete country number ●Select operator ●Set operator priority for automatic search (☞P.16-8)

Manner Mode

Minding Mobile Manners

Please use your handset responsibly. Use these basic tips as a guide. Inappropriate handset use can be both dangerous and bothersome. Please take care not to disturb others when using your handset. Adjust handset use according to your surroundings.

- Turn it off in theaters, museums and other places where silence is the norm.
- Refrain from use in restaurants, lobbies, elevators, etc.
- Observe signs and instructions regarding handset use aboard trains, etc.
- Refrain from use that interrupts the flow of pedestrian or vehicle traffic.

Manner-related Features

Manner Mode (☞P.2-14)	Press Manner key to mute 821P tones and activate vibration for incoming transmissions and Answer Phone.
Vibration Mode (☞P.16-2)	Activate in public places, meetings, etc. for silent call/message alerts.
Ringer Volume	Mute call/message tones (☞P.16-2) or S! Appli sounds (☞P.16-22).
Offline Mode (☞P.2-14)	Suspend all 821P transmissions; when active, all calls/messages and incoming information are temporarily blocked.
Answer Phone (☞P.2-6)	Use to handle incoming calls when inappropriate/unsafe to answer.
Drive Mode (☞P.2-15)	While driving, press Drive Mode key to handle incoming calls and activate Answer Phone.

Activating Manner Mode

Press one key to mute 821P tones, activate Answer Phone and vibration for incoming transmissions.

- Manner mode settings can be changed (☞P.16-11).
- When Manner mode is active, appears.

1 In Standby, press and hold # or ▯ (Side Key)

- To cancel: Press and hold # or ▯ (Side Key) again



> Note
> - Alternatively, **Main Menu ▶ Settings ▶ Mode Settings ▶ Manner**.
> - Shutter click, Auto Answer tone, and incoming tone via Earphone (***Volume 1***) sound even in Manner mode.
> - Media Player files are initially muted in Manner mode; adjust volume in Playback window.
> - When Alarm Priority is set to ***Alarm prioritized*** (☞P.11-6), Alarm sounds even if Manner mode is active.

Activating Offline Mode

<Default> OFF

Temporarily suspend all 821P transmissions; when active, all calls/messages and incoming information are blocked.

- When Offline mode is ***ON***, appears.

Main Menu ▶ Settings ▶ Call Settings ▶ Offline

1 ***ON*** or ***OFF*** →



> Note
> - ***Offline*** disables Infrared/Bluetooth® transmissions.
> - Bluetooth® devices are unusable in Offline mode.
> - Emergency numbers (110, 119, 118) cannot be dialed.

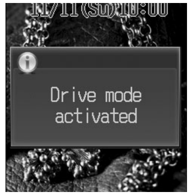
Activating Drive Mode

While driving, press Drive Mode key to handle incoming calls and activate Answer Phone.

- Drive mode settings can be changed (☞P.16-11).
- When Drive mode is active, appears.

1 In Standby, press and hold

- To cancel: Press and hold again.



Note: Alternatively, **Main Menu** ▶ **Settings** ▶ **Mode Settings** ▶ **Drive**.

Text Entry

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Text Entry

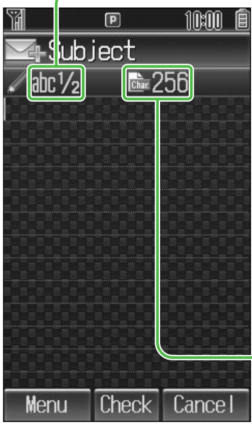
Enter alphanumerics, hiragana, kanji, katakana, symbols and pictographs.

Help

Help describes details of text entry operations.

In text entry window, **[Menu]** → ***Help*** → → Select an item →

Text Entry Window & Character Input Modes



Input Modes

Press to toggle input modes.

Mode	Description
abc½	Single-byte alphanumerics
123½	Single-byte numbers
漢¹/₁	Kanji (Hiragana)
カナ½	Single-byte katakana

Character Types

Press and hold to toggle double-/single-byte.

Mode	Description
abc¹/₁	Double-byte alphanumerics
123¹/₁	Double-byte numbers
カナ¹/₁	Double-byte katakana

- Alternatively, follow the steps below to toggle double-byte and single-byte.
  [Menu] → ***Input Options*** → → ***Change Input Mode*** →

Character/Byte Count

Char: Remaining number of enterable characters appears, regardless of input mode.

Byte: Remaining number of enterable byte appears.

Key Assignments

Multiple characters are assigned to each key.

- For input modes and character types: ☞P.3-2
- Press and hold numeric keys (0 to 9) to enter single-byte numbers assigned to each key, regardless of input mode.
  To enter +, press and hold 0 in single-byte number mode.

Key	Input Modes			
	Kanji (Hiragana) [Double-byte]	Katakana [Double-/Single-byte]	Alphanumerics [Double-/Single-byte]	Numbers [Double-/Single-byte]
1	あいうえおぁぃぅぇぉ1	アイウエオァィゥェォ1	. - @ _ / : ~ 1	1
2	かきくけこ2	カキクケコ2	a b c A B C 2	2
3	さしすせそ3	サシスセソ3	d e f D E F 3	3
4	たちつてとっ4	タチツテトッ4	g h i G H I 4	4
5	なにぬねの5	ナニヌネノ5	j k l J K L 5	5
6	はひふへほ6	ハヒフヘホ6	m n o M N O 6	6
7	まみむめも7	マミムメモ7	p q r s P Q R S 7	7
8	やゆよゃゅょ8	ヤユヨャュョ8	t u v T U V 8	8
9	らりるれろ9	ラリルレロ9	w x y z W X Y Z 9	9
0	わをんゎー (Single-byte Space) 0	ワヲンヮ *1 ー (Single-byte Space) 0	(Single-byte Space) 0	0 [Press and hold] + *2

*1 ヮ is available only in double-byte katakana mode.
*2 + is available only in single-byte number mode.

Key	Input Modes			
	Kanji (Hiragana) [Double-byte]	Katakana [Double-/Single-byte]	Alphanumerics [Double-/Single-byte]	Numbers [Double-/Single-byte]
	゛ ゜ Pictograph List/Symbol List	゛ ゜	Pictograph List/Symbol List*3	＊
	[Press and hold] Memo Pad List		[Press and hold] Mail Address & URL List*4	[Press and hold] P (pause) *5
	、。・！？		, ! ? ¥ & ( ) ＊ # " ' = ^ + ;	# - , ! ? ¥ & ( ) " ' = ^ + ;
	Toggle input modes			
		[Press and hold] Toggle double-byte and single-byte characters		
	Line Break/Scroll Backward*6			Line Break
	Toggle upper and lower case characters*7			
	Delete one character after cursor (Delete one character before cursor when cursor is at the end of a sentence)			
	[Press and hold] Delete all characters after cursor (Delete all characters before cursor when cursor is at the end of a sentence)			

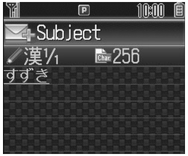
*3 In single-byte alphanumerics mode, single-byte symbol list appears first.
*4 Parts of mail addresses or URLs appear
*5 Pause can be entered only when entering phone numbers in Phone Book.
*6 Toggle characters in reverse order (When cursor is at **c** : c → b → a → 2 …)
*7 Toggle upper and lower case characters at cursor

Entering Characters

Entering Kanji, Hiragana & Katakana

Example: Enter 鈴木

1 In alphanumerics mode, [文字] two times to switch to kanji (hiragana) mode



す : [3] three times

ず : [◉]* → [3] three times → [*]

き : [2] two times

* When the next character is on the same key, press [◉] first to move cursor.

2 [◉] to enter Forecast List



- To change word before converting, press [クリア/メモ].
- There are three types of word suggestion list: ***Forecast, Normal*** and ***Prediction*** (☞P.3-8)

3 [◈] to select 鈴木 → [◉]

Toggling Assigned Characters in Reverse

Example: When cursor is at **c**, press [📷] to toggle as follows:
c → b → a → 2…

Entering Katakana

- To switch to single-byte Katakana: In kanji (hiragana) mode, [文字]
- To switch to double-byte Katakana: In katakana mode, press and hold [文字]
- To enter katakana in kanji (hiragana) mode: ☞P.3-6

Small Kana (っ , ｯ , etc.)

Example: Enter small hiragana っ

Step	1	2
Key	[4] (3 times)	[↶ A/a]
Display	つ	っ

- Press [◉] to fix the word.
- Alternatively, press a key repeatedly to enter an assigned small kana.

Adding ﾞ or ﾟ

Example: Enter hiragana ば or ぱ

Step	1	2	3	4
Key	[6]	[*]	[*]	[*]
Display	は	ば	ぱ	は

- Press [◉] to fix the word.
- In single-byte katakana mode, ﾞ and ﾟ are counted as one single-byte katakana.

Line Break

1 [key] to insert line breaks in text

Space

Single-byte space at the end of text	[key]
Single-byte space within text	Press [0] repeatedly until single-byte space appears* → [key]

* [0] press count differs by input mode.

- Alternatively, use symbol list for double-byte or single-byte space (☞P.3-7).
- Space cannot be entered within text in number mode by following the steps above. Use symbol list (☞P.3-7).

Converting Hiragana to Katakana/ Alphanumerics

Enter katakana and alphanumerics in kanji (hiragana) mode. Date and time can be entered quickly.

Example 1: Enter **OK**

Step	1	2	3	4
Key	[6] (3 times)	[5] (twice)	[Y!] **[E-1-Kana]**	[key]
Display	ふ	ふに	Suggestion List	OK

- Press [key] after selecting **OK**.

Example 2: Enter **10:30** or **10/30**

- To enter : or /, enter 、 by pressing [#].

Step	1	2	3	4	5
Key	[1] [0]	[#]	[3] [0]	[Y!] **[E-1-Kana]**	[key]
Display	あわ	あわ、	あわ、さわ	Suggestion List	10:30 or 10/30

- Press [key] after selecting **10:30** or **10/30**.

Entering Alphanumerics

Enter double-byte or single-byte alphanumerics.

- For input modes and character types: ☞P.3-2

Example: Enter **Call** in alphanumerics mode

Step	1	2	3	4	5	6
Key	[2] (3 times)	[A/a]	[2]	[5] (3 times)	[key]*	[5] (3 times)
Display	c	C	Ca	Cal	Cal	Call

* When the next character is on the same key (example: entering a then b), press [key] first to move cursor.

Pictographs & Symbols

- Pictographs do not appear in messages sent to incompatible SoftBank handsets or e-mail addresses.

1 In kanji (hiragana) or alphanumerics mode,

SoftBank pictograph list appears.

to toggle pictograph list and symbol list.

Log List may appear first.

2 to select a list → to select a pictograph or symbol →

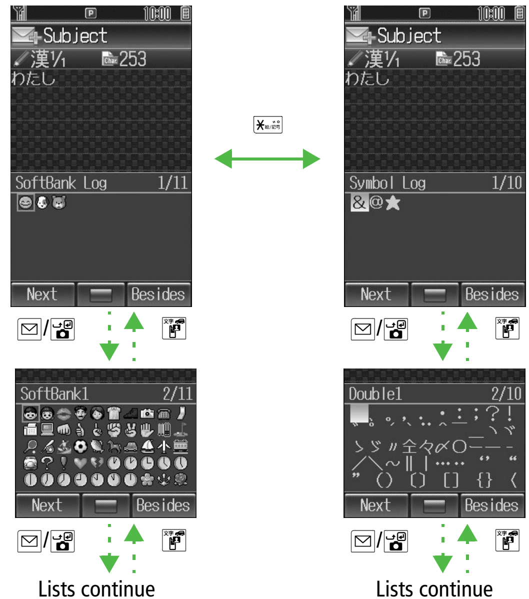
- Pictograph List: ☞P.17-28
- Symbol List: ☞P.17-29
- Alternatively, press or to toggle lists.
- To enter same pictograph/symbol repeatedly: Select a pictograph/symbol → **[Besides]** →

Note: Alternatively, follow the steps to access pictograph or symbol: **[Menu]** → ***Pictograph*** or ***Symbol*** →

Entering Cross-carrier Pictographs

[Menu] → ***Pictograph*** → → ***Common***, ***DoCoMo*** or ***au*** →

Pictograph & Symbol Log Lists



Tip More

●Emoticons ●Mail & Web Extensions ●Copying from Phone Book ●Copying from Account Details (☞P.3-11) ●Memo Pad ●Character Code (☞P.3-12)

Conversion Methods (Japanese)

Predictive Conversion

The following suggestion lists appear while entering text or after a word is fixed.

While Entering Text	
Forecast	Show candidates likely to convert (Predictive Candidates) and matching candidates (Normal Candidates) Example for Predictive Candidates: わ ➝ 私 , わたし , etc. Example for Normal Candidates: わ ➝ 和 , 輪 , etc.
Normal	Show matching candidates Example: わ ➝ 和 , 輪 , etc.
After a Word is Fixed	
Prediction	Candidates likely to follow entry Example: 私 is fixed ➝ です , の , は , etc.

- The order in the list changes by entering words.
- Press ✉ **[Forecast]**/**[Normal]** to toggle Forecast List and Normal List.

Using Predictive Conversion

Example: Enter 私の鼻

1 In kanji (hiragana) mode, 0

わ is entered and Forecast List appears.

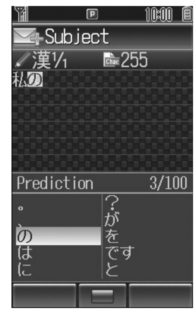


2 ◉ to select 私 in Forecast List ➝ ◉

私 is entered and Prediction List appears.

3 ◉ to select の in Prediction List ➝ ◉

の is entered and Prediction List appears.



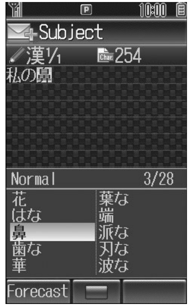
4 6 ➝ 5

はな is entered and Forecast List appears.

5 ✉ **[Normal]**

Normal List appears.

6 to select 鼻 in Normal List →



If the Word is not Listed

Press to return to hiragana, and segment hiragana to convert separately.

Example: Segment はるか into はる and か , then convert to 春香

1. Move cursor to る , then convert はる to 春 →
2. Convert か to 香 →

Using Previously Entered Words

Enter the first one or two hiragana to access previously entered words in the list.

Entering Alphanumerics in Kanji (Hiragana) Mode

Enter hiragana and press to open Forecast List.

Example: To enter **a**, → to open Forecast List → to select **a** →

User's Dictionary

Save frequently used words/phrases (up to 100 entries). Assign a reading (keyword) in hiragana to each entry. In text entry windows, enter a reading and convert. Saved words/phrases appear among word suggestions.

Adding Entries

1 In a text entry window, **[Menu]** → ***Input Options*** → → ***User's Dictionary*** →

2 **[Menu]** → ***Create*** →

- When no entries exist: **[Create]**

3 Enter a word/phrase →

- Enter symbols and pictographs.

4 Enter a reading →

Editing User's Dictionary

1 In a text entry window, [Menu] → ***Input Options*** → → ***User's Dictionary*** →

2 Select an entry → [Menu] → ***Edit*** →

3 Edit word → → Edit reading →

Deleting Entries

In Step 2, **[Menu]** → ***Delete*** →

- To delete an entry or all entries, ***One*** or ***All*** → → **[YES]** → When selecting ***All***, enter 4-digit Handset Code (☞P.1-24) →
- To delete multiple entries, ***Selected Words*** → → (Select words →)* → **[OK]** →

* When selected, appears. Repeat as required. (To cancel, press again.)

Note: Alternatively, **Main Menu** ▶ **Settings** ▶ **Phone Settings** ▶ **User's Dictionary** → Perform Step 2-3.

Editing Text

Deleting & Replacing

1 **Delete Characters within Lines**

Place cursor before a character → クリア/メモ

A character after cursor is deleted.

- Press and hold クリア/メモ to delete all characters after cursor.

Delete Characters from the End of Text

Place cursor at the end of text → クリア/メモ

A character before cursor is deleted.

- Press and hold クリア/メモ to delete all characters before cursor.

2 Enter another character

Copy/Cut & Paste

Copy or cut text and paste it into text entry windows.

1 In a text entry window, [✉][**Menu**] → ***Copy*** or ***Cut*** → [●]

2 **Select Text to Copy/Cut**

Place cursor before (or after) text to copy/cut → [●] → Place cursor after (or before) text to copy/cut → [●]

Select All

[Y!][**All**] → [●]

3 Place cursor at target location to paste text → [✉][**Menu**] → ***Paste*** → [●]

More Advanced Features

From ▶ **[Text Entry Window]**
Access Text Entry Window from each function.
Example: For S! Mail, see Step 5 on P.12-5

Text Entry Features

Emoticons [Emotions]

[Text Entry Window] [✉][**Menu**] → ***Emotions*** → Select an emoticon → [●]

Mail & Web Extensions

[Text Entry Window] In alphanumerics mode, press and hold [✱] → Select an extension → [●]

Copying from Phone Book [Insert: Phone Book Data]

[Text Entry Window] [✉][**Menu**] → ***Insert*** → [●] → ***Phone Book Data*** → [●] → Select a Phone Book entry → [●] → Select an item → [●]

Copying from Account Details [Insert: Account Details]

[Text Entry Window] [✉][**Menu**] → ***Insert*** → [●] → ***Account Details*** → [●] → Select an item → [●]

Memo Pad [Insert: Memo Pad]

[Text Entry Window] ✉**[Menu]** → ***Insert*** → ● → ***Memo Pad*** → ● → Select a memo pad → ●

- To save new text: ☞P.11-9
- Alternatively, in kanji (hiragana) or katakana (double-/single-byte) mode, press and hold ✱ → Select a memo → ●.

Character Code [Input Options: Kuten Code]

[Text Entry Window] ✉[Menu] → ***Input Options*** → ● → ***Kuten Code*** → ● → Enter 4-digit Kuten Code (☞P.17-20) → ●

Phone Book

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Overview

Save frequently used phone numbers and mail addresses to Phone Book.

Supplement phone numbers and mail addresses with birthday, street address, an image or notes.



Set tones/image for each entry.



Sort entries into Groups.



Note

Back-up Important Information

Keep a separate copy of Phone Book entry information. When battery is exhausted or removed for extended periods, entries may be lost. Handset damage may also affect data recovery. SoftBank is not liable for damages from lost/altered entries.

S! Addressbook Back-up

Back up Phone Book entries on the network server; restore Phone Book after accidental loss/alteration.

Tip

● Phone Data Backup (☞P.8-17)

Saving to Phone Book

Phone Book Entry Items

Save up to 1000 entries in Phone Book. Save phone numbers or mail addresses etc. in USIM Card Phone Book (maximum number of savable entries varies by card).

Item	Description	821P	USIM Card
Last Name/ First Name	Enter last name and first name. When saving to USIM Card, enter both last name and first name in ***Name***.	○	○
Reading	Automatically entered when ***Last Name*** and ***First Name*** are entered. Reading can be edited. Search Phone Book by Reading.	○	○
Phone Number	Save up to three entries in Phone Book; two in USIM Card Phone Book. Emergency numbers (110, 119, 118) cannot be saved in Phone Book.	○	○
Email Address	Save up to three entries in Phone Book; one in USIM Card Phone Book	○	○
Birthday	Enter birth date	○	-
Address	Enter postal code, country, state/province, city, street address, additional information	○	-
Note	Enter up to 32 characters	○	-
Voice Call Ringtone	Set incoming Voice Call ringtone	○	-
Video Call Ringtone	Set incoming Video Call ringtone	○	-
Message Ringtone	Set incoming message ringtone	○	-
Notification Light	Set incoming call/message light color	○	-
Picture	Save a still image to appear for incoming calls (Saved still image may not appear while using other functions)	○	-
Group	Sort Phone Book entries by groups, and set ringtones/notification lights (☞P.4-7).	○	○
Secret Setting	Restrict access to Phone Book entries by saving them as Secret Mode entries. When Secret Setting is set to ***Hide***, activate Secret Mode to open Secret Mode entries (☞P.10-7).	○	-

Create New Entry

Phone Book Entries

Main Menu ▶ Phone Book ▶ Create New Entry

1 Select an item →



2 Follow the steps below

	Last Name*1	Enter up to 25 characters →
	First Name*1	Enter up to 25 characters →
	Reading	Entered automatically (up to 25 characters). To edit: Edit Reading →
	Phone Number 1-3*1	Enter up to 40 digits*2 each → → Select an icon →
	Email Address 1-3*1	Enter up to 60 alphanumerics each → → Select an icon →
	Birthday	Enter birth date →
	Address	***Postal Code***, ***Country***, ***State***, ***City***, ***No./street*** or ***Additional Info*** → → Enter text → → **[Decide]** to exit Address field
	Note	Enter up to 32 characters →
	Voice Call Ringtone	***Follow General Setting*** *3 → Or Select a folder in Data Folder → → Select a file → **[Set]**
	Video Call Ringtone	
	Message Ringtone	
	Notification Light	***Follow General Setting*** *4 or select a color →
	Picture	***Pictures*** → → Select a file → **[Set]** Or ***Take Picture*** → → to shoot → (To delete the image, ***No Pictures*** →)
	Group	Select a Group →
	Secret Setting	***Show*** or ***Hide*** →

*1 To save an entry, enter at least one of the fields
*2 41 digits when including + (International Code)
*3 ☞P.16-2 "Ringtones"
*4 ☞P.16-7 "Notification Light"

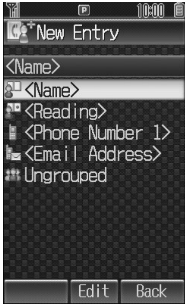
3 [Save]

USIM Card Phone Book Entries

- Set ***Save Settings*** to ***USIM*** or ***Ask Each Time*** beforehand (☞P.16-12).

Main Menu ▶ Phone Book ▶ Create New Entry (▶ USIM)

1 Select an item →



2 Follow the steps below

Name*1	Enter up to 25 characters →
Reading	Entered automatically (up to 25 characters). To edit: Edit Reading →
Phone Number 1-2*1	Enter up to 40 digits*2 each →
Email Address*1	Enter up to 60 alphanumerics →
Group	Select a Group →

*1 To save an entry, enter at least one of the fields
*2 41 digits when including + (International Code)
Depending on USIM Card, it may be 20 digits (21 digits when including +)

3 [Save]

Tip

More ●Saving from Call Log ●Saving from Received Messages ●Phone Book Memory Status (☞P.4-14)

Settings ●Change save location for new entry (☞P.16-12)

Editing Phone Book Entries

Correction/Change

1 In Standby, [key] → Select an entry → [key]**[Menu]** → ***Edit*** → [key]

2 Select an item → [key] → Edit → [key]

- Repeat this step to edit other items.

3 [key]**[Save]**

The entry is overwritten.

Deleting Birthday

In Step 2, select Birthday field → [key]**[Menu]** → ***Clear Birthday*** → [key]

Deleting All Items in Address

In Step 2, select Address field → [key]**[Menu]** → ***Clear Address*** → [key]

Deleting Picture

In Step 2, select Picture field → [key] → ***No Pictures*** → [key]

Deleting Phone Book Entries

Deleting One by One

1 In Standby, [key] → Select an entry

2 [key]**[Menu]** → ***Delete*** → [key] → [key]

Deleting All Entries

Main Menu ▶ **Phone Book** ▶ **Memory Manager** ▶ **Delete All (Phone)** or **Delete All (USIM)**

1 [key]**[Yes]** → Enter 4-digit Handset Code → [key]

- Handset Code: ☞P.1-24

Group Settings

Change Group names or set ringtones/notification lights.

- Phone Book or USIM Card Phone Book Groups appear according to ***Change View*** setting (☞P.16-12).
- Assign Phone Book entries to Groups (☞P.4-4); otherwise, entries will be automatically assigned to ***Ungrouped***.

Switching Between 821P & USIM Card

When ***Change View*** is set to ***Phone & USIM*** (☞P.16-12), follow these steps to switch view.

Main Menu ▶ **Phone Book** ▶ **Group**

✉**[Menu]** → ***Change to Group(Phone)*** or ***Change to Group(USIM)*** → ●

Changing Group Name

- ***Ungrouped*** cannot be renamed.

Main Menu ▶ **Phone Book** ▶ **Group**

1 Select a group → ✉**[Menu]** → ***Rename*** → ●

- When ***Change View*** is set to ***USIM*** (☞P.16-12): Select a group → ✉**[Rename]**

2 Enter a Group name → ●

Setting Ringtones/Notification Light to Groups

- Ringtones/Notification Light cannot be set to USIM Card Phone Book Groups.
- Ringtone/Notification Light settings for each Phone Book entry take priority.

Main Menu ▶ **Phone Book** ▶ **Group**

1 Select a group → ✉**[Menu]** → ***Sound & Notification Light*** → ●

2 **Set Ringtone**

Voice Call Ringtone, ***Video Call Ringtone*** or ***Message Ringtone*** → ● → ***Follow General Setting*** or select a folder in Data Folder → ● → Select a file → ✉**[Set]**

- ***Follow General Setting*** depends on Ringtone settings (☞P.16-2).

Set Notification Light

Notification Light → ● → ***Follow General Setting*** or select a color → ●

- ***Follow General Setting*** depends on Notification Light settings (☞P.16-7).

4 Phone Book

Setting Reset
Select a group → [Menu] → ***Reset Defaults*** → →

Searching/Using Phone Book

Phone Book Search Method

Phone Book opens in A-KA-SA-TA-NA search mode by default.



Changing Phone Book Search Method

<Default> A-KA-SA-TA...

Search for an entry using one of these search methods: A-KA-SA-TA-NA, Reading or Group.

Main Menu ▶ Phone Book ▶ Settings ▶ Search Method

1 ***A-KA-SA-TA...***, ***Reading*** or ***Group*** →

Searching Entries by Reading
In Standby, → Enter a Reading → Select an entry
- Entries beginning with designated character appear.



Searching Entries by Group
In Standby, → Select a Group → → Select an entry
- To change Group names: ☞P.4-7



Making Calls from Phone Book

- To change search mode: ☞P.4-8

1 In Standby, [key]

2 [key] to select a page of the required reading

- Alternatively, move to another page by entering initial letter. (Example: [3] to move to "SA" page)

3 Select an entry → [key]

4 Select a number → [key]

Opening Entry on Required Page from Standby (Quick Phone Book Search)

In Standby, press and hold [0] - [9] to open search window assigned to key.

Example: "NA" page: Press and hold [5]

- When pressing key for page without any entry, next page with entries appears.

Tip

Settings ●Select USIM Phone Book to open (☞P.16-12)

Sending Messages from Phone Book

1 **Use Mail Address**

In Step 4 on left, select a mail address → [key]

Use Phone Number

In Step 4 on left, select a phone number* → [✉] → ***Create Message*** → [key] → ***S! Mail*** or ***SMS*** → [key]

* SoftBank handset numbers only

2 Create message and send (S! Mail: ☞From Step 4 on P.12-5/SMS: ☞From Step 4 on P.12-8)

Note

- Alternatively, in Step 3 on left, select a recipient → [✉]**[Menu]** → ***Create Message*** → [key] → ***S! Mail*** or ***SMS*** → [key] → Select an address → [key].
- Alternatively, in Step 1 above, select a mail address → [✉]**[Menu]** → ***Create Message*** → [key] → ***S! Mail*** → [key].

S! Addressbook Back-up

Back up Phone Book entries on the network server; synchronize handset Phone Book with Server Phone Book; restore Phone Book after accidental loss/alteration.

- Separate subscription is required for this service.
- See URL below for details on S! Addressbook Back-up http://mb.softbank.jp/mb/en/service/advanced/sab/index.html

Notes

- Fully charge battery beforehand (appears).
- Transmission fees apply to synchronization, backup and restoration.
- Restoration cancels these Phone Book settings: Ringtone, Notification Light, Picture, Secret setting
- Server Phone Book entries are deleted upon contract termination.

Timing & Direction

- When no Phone Book entries exist, selecting ***Synchronize***, ***Sync from Phone*** or ***Backup to Server*** deletes all S! Addressbook Back-up entries.
- When no S! Addressbook Back-up entries exist, selecting ***Synchronize***, ***Sync from Server*** or ***Restore from Server*** deletes all Phone Book entries.

Capacity Disparities

- When the number of savable items varies between Phone Book and S! Addressbook Back-up entries, Synchronization reflects lower limit.

Transfer to New Handsets

- S! Addressbook Back-up-compatible 3G Handsets: Data remains.
- Other 3G Handsets: Service subscription and data remains, but data is not accessible via handset (accessible via PCs).
- V3/V4/V5/V6/V8 Series: Service subscription is terminated and data is deleted.

Backing up Phone Book

Backing up Phone Book to Server

Main Menu ▶ Phone Book
▶ S! Addressbook Back-up ▶ Start Sync

1 ● → Enter 4-digit Handset Code → ●
- Handset Code: ☞P.1-24

2 *Backup to Server* → ●

821P connects to Server and Backup starts.
When complete, details appear.

Loading Phone Book from Server

Main Menu ▶ Phone Book
▶ S! Addressbook Back-up ▶ Start Sync

1 ● → Enter 4-digit Handset Code → ●
- Handset Code: ☞P.1-24

2 *Restore from Server* → ●

821P connects to Server and loading starts.
When complete, details appear.

Synchronization

Manual Synchronization

Main Menu ▶ Phone Book
▶ S! Addressbook Back-up ▶ Start Sync

1 ● → Enter 4-digit Handset Code → ●
- Handset Code: ☞P.1-24

2 Select a sync mode → ●

3 ●

821P connects to Server and synchronization starts.
When complete, details appear.

Auto Synchronization

<Default> ON/OFF: OFF

Main Menu ▶ Phone Book ▶ S! Addressbook Back-up ▶ Auto Sync Settings

1 Enter 4-digit Handset Code →

- Handset Code: ☞P.1-24

2 **Activate/Deactivate Auto Synchronization**

ON/OFF → → ***ON*** or ***OFF*** →

3 **Set Start Time**

Start Time → → Enter time →

4 **Set Repetition Type**

Repetition → → Select a type →

Once	Once at specified time
Daily	Daily at specified time
Weekly	Weekly on specified day-of-the-week Select a day →
Monthly	Monthly at specified time/date Enter date →
After Modification of Phone Book	After ten minutes every time setting is changed

5 **Set Sync Mode**

Sync Mode → → Select a mode → →

6 [Save]

Viewing Sync Log

Main Menu ▶ Phone Book ▶ S! Addressbook Back-up ▶ Sync Log

1 Select a log →

Account Details

Save phone number, mail address, street address, etc. in Account Details.

Viewing Account Details

1 In Standby, [center key] [0]

Note: Alternatively, **Main Menu** ▶ **Phone Book** ▶ **Account Details**.

Editing Account Details

● Phone Number 1 cannot be edited or deleted.

1 In Account Details window, [mail key]**[Menu]** → ***Edit*** → [center key]

2 Edit → [mail key]**[Save]**

Deleting Items Except Phone Number 1
In Step 1, [mail key]**[Menu]** → ***Reset*** → [center key] → [center key].

Sending Account Details

Send your contact information via Infrared or Bluetooth®.

1 In Standby, [center key] [0]

2 [mail key]**[Menu]** → ***Local Connectivity*** → [center key] → ***Infrared*** or ***Bluetooth*** → [center key]

● Images cannot be sent.

● Infrared: ☞P.9-2

● Bluetooth®: ☞P.9-5

More Advanced Features

Phone Book Entry Functions

Saving from Call Log

In Standby, [key] → Select a Call Log → [key] to select a record → [key]**[Menu]** → ***Add to Phone Book*** → [key] → ***Create New Entry*** or select an existing entry → [key] → Add name, etc. → [key]**[Save]**

Saving from Received Messages

In Standby, [key][[mail]] → ***Incoming Mail*** → [key] → Select a folder → [key] → Select a message → [key]**[Menu]** → ***Add sender to Phone Book*** → [key] → ***Create New Entry*** or select an existing entry → [key] → Add name, etc. → [key]**[Save]**

Phone Book Memory Status

Main Menu ▶ **Phone Book** ▶ **Memory Manager** ▶ **Memory Status**

Video Call

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Getting Started

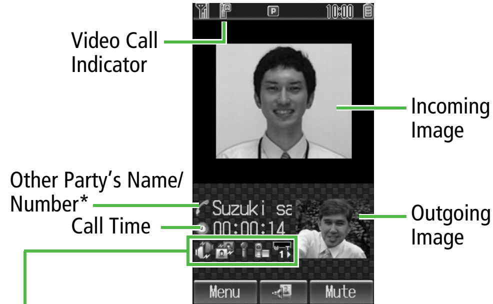
Exchange video/sound with video call-compatible mobiles.

- Send Outgoing Image via External Camera.

Note

- Only available within 3G network coverage.
- 821P is 3G-324M compliant; calls connected via different systems may be disconnected (charges apply).
- Increasing Speaker volume may cause interference. Decrease volume.
- Handset may become warm during Video Call. This is not malfunction.

Video Call Window



Indicators

- Incoming Sound OK, Outgoing Sound OK
- Outgoing Sound OK, Incoming Sound NG
- Outgoing Sound NG, Incoming Sound OK
- Incoming Sound NG, Outgoing Sound NG
- Incoming Image OK, Outgoing Image OK
- Outgoing Image OK, Incoming Image NG
- Outgoing Image NG, Incoming Image OK
- Incoming Image NG, Outgoing Image NG
- Microphone ON
- Microphone OFF
- Video ON
- Alternative Image ON
- \- Zoom Level (1-25)

* appears during a Bluetooth® handsfree call

Making Video Calls

Before Calling

- Confirm signal strength (☞P.1-8)
- If any of these indicators appear
  OUT (red)
  → Video Calls cannot be made (☞P.1-8, P.17-17)

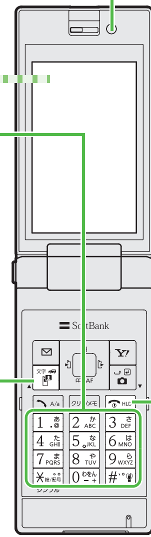
1 Enter number with area code



2 Confirm the number, then

When answered, outgoing and incoming images appear; other party's voice sounds via Speaker.

- Video Call Window: ☞P.5-2
- Video Call Operations: ☞P.5-5



3 to end call

Note: Other party's voice sounds via Earpiece in Manner mode; activate Speaker (☞P.5-5).

Tip

- Making Calls from Call Log Records (☞P.2-10)

Answering Video Calls

When a Video Call Arrives…

Caller's phone number or name appears in External Display and Main Display.



1 or

2 **Send Outgoing Image**

[YES]

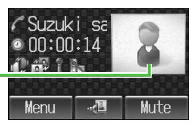
Internal Camera Image is sent.



Send Alternative Image

[NO]

Alternative Image is sent.



3 to end call

Placing an Incoming Call on Hold

Press while receiving a Video Call.
The other party's image appears and Alternative Image is sent. To answer, press **[Accept]**.



Forwarding Calls

Activate Call Forwarding (☞P.17-2) beforehand to automatically forward incoming Video Calls to a preset number.
When a call arrives, press **[Forward]**.
If Call Forwarding is not active, call is rejected.

Rejecting Calls

When a call arrives, press **[Reject]**.

Mute Ringer

While ringing, press **[Mute]** or (Side Key) to mute ringer.

Note

- When no image is selected, Alternative Image is sent.
- Other party's voice sounds via Earpiece in Manner mode; activate Speaker (☞P.5-5).

Tip

Settings ●Change Alternative Image to send (☞P.16-12)

Video Call Operations

Adjust settings during Video Calls.

- For more Video Call settings: ☞P.16-12

Earpiece Volume

<Default> Volume 4

Adjust volume (Volume 1-6).

1 During a call, (increase) or (decrease)

Volume level appears in lower left corner.

Speaker

Switch Speaker ON and OFF.

1 During a call, **[Menu]** → ***Speaker ON*** or ***Speaker OFF*** →

Note: When using a Bluetooth® handsfree device, **[Menu]** → ***Change to Bluetooth***, ***Speaker ON(Phone)*** or ***Speaker OFF(Phone)*** → .

Image & Sound Settings

<Default> Send Voice & Video

Change outgoing image and sound settings.

1 During a call,



2 Select an item →

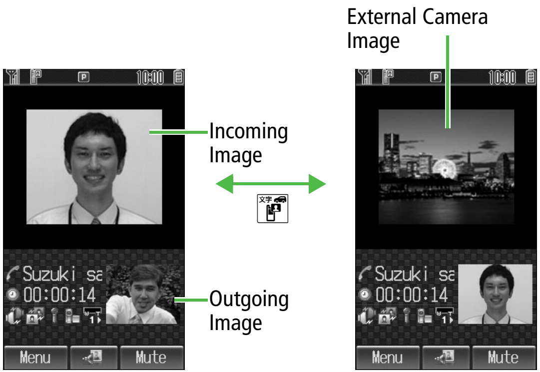
Send Voice & Video	Send live video image and sound
Alternative Picture	Send Alternative Image and sound
Mute Voice	Send live video image only
Alt. Picture & Mute Voice	Send Alternative Image only

Camera Priority

<Default> Internal Camera

Toggle Internal Camera and External Camera.

1 During a call, [key]



Internal Camera **External Camera**

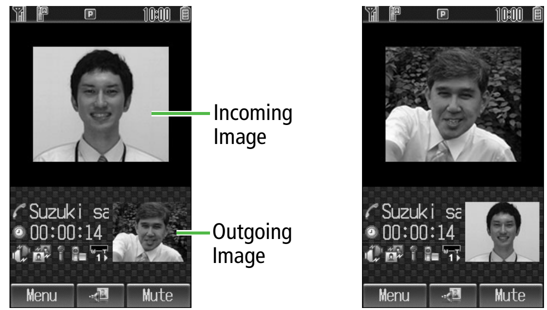
Image Priority

<Default> Priority Incoming

Toggle incoming image and outgoing image.

1 During a call, [Mail key]**[Menu]** → ***Image Priority*** → [key]

2 ***Priority Incoming*** or ***Priority Outgoing*** → [key]



Priority Incoming **Priority Outgoing**

Camera

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Before Using Camera

821P features Two Mega Pixel CMOS Auto-focus Camera capable of capturing still images and videos. Send still images/videos via S! Mail, or use still images as wallpaper.

Image File Formats

Image Type	File Format	Save Location
Still images	JPEG (.jpg)	Data Folder (Pictures)
Videos	MPEG-4 (.3gp)	Data Folder (Videos)

Tip

●Save images directly to Memory Card [Save to] ●Confirm memory [Available Memory] (☞P.6-12)

Notes

- Remove dust/debris from lens cover with a soft cloth.
- Handset movement may blur images; hold 821P firmly.
- Capturing/saving images immediately after 821P has been left in a hot place may affect image quality.
- Exposing lens to direct sunlight may affect image quality.
- While Camera/Video Camera is active, Camera Mode Indicator flashes and cannot be deactivated.

Shutter Click

- Shutter click sounds at fixed volume even in Manner mode.

Incoming Calls/Alarm/Low Battery while Using Camera

- Camera is not available when battery is low.
- Incoming calls, Alarm and low battery cancel Camera. Captured images are saved.

Auto Shut-off

- When left in preview window for three minutes, Camera is canceled and previous window returns.

Tip

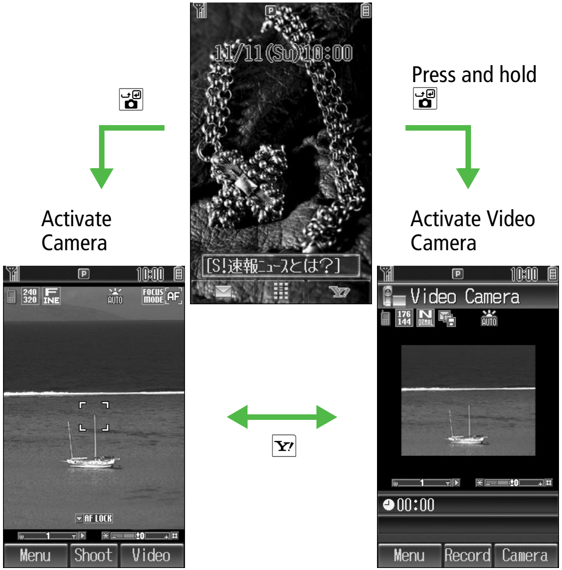
●Change shutter click sound (☞P.6-12)

External & Internal Camera

Activating Camera/Video

In Standby, activate Camera or Video Camera with a single press.

● Press to toggle Camera and Video Camera.



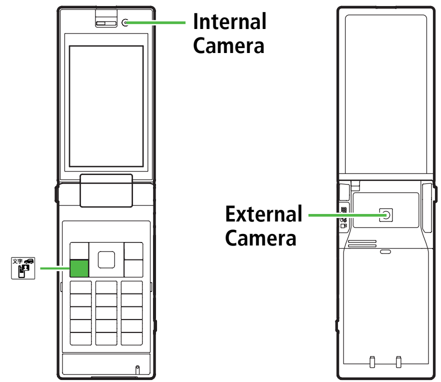
[Picture Preview Window] [Video Preview Window]

> **Note** Alternatively, **Main Menu ▶ Camera ▶ Camera** or **Video Camera**.

Internal Camera/External Camera

Take pictures using Internal Camera or External Camera.

● Press to toggle Internal Camera and External Camera.

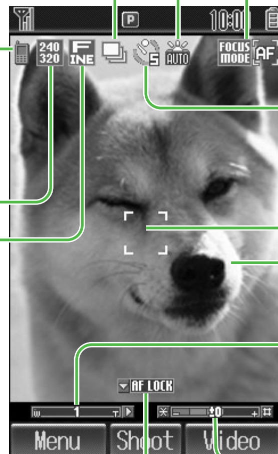


> **Note**
> ● Internal and External Camera cannot be active simultaneously.
> ● Alternatively, **[Menu]** → ***Switch Camera*** → .

Camera Display Indicators

Picture Preview Window

● Press 0 to open key assignment guide.



Multi Shot (P.6-10)
4 to toggle ON/OFF

Night Mode (P.6-12)
6 to toggle ON/OFF

Size (P.6-6)
- UXGA
- SXGA
- VGA*
- QVGA*
- QQVGA
- Wallpaper

* Available for Internal Camera

2 to change picture size

Save to
- Phone
- Memory Card

1 to toggle setting

Quality
- Super Fine
- Fine
- Normal

3 to toggle setting

Auto Focus Lock (P.6-10)
to start Auto Focus Lock

White Balance (P.6-12)
- Automatic
- Fine
- Cloudy
- Light Bulb

8 to change mode

Focus Setting (P.6-6)
- Auto Focus
- Close-up
- Scenery

to toggle setting

Self-Timer (P.6-11)
- 5 seconds
- 10 seconds

5 to toggle setting

Focus Guide

Effect (P.6-12)
7 to toggle setting

Zoom (P.6-6)
Level 1-25
to zoom in / to zoom out

Brightness
Level -2 - +2
\# Brighter / * Darker

Video Preview Window

- Adjust settings before initiating image capture. While recording, only Zoom is adjustable.
- Press [0] to open key assignment guide.

Save to

Phone   Memory Card

[1] to toggle setting

Quality (☞P.6-8)

352×288 Super Fine

176×144 Fine

176×144 Normal

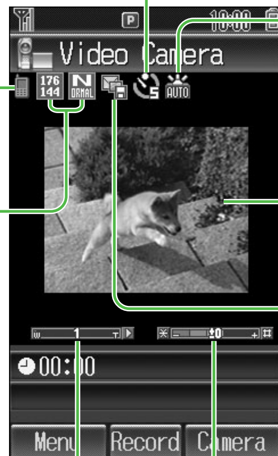
- Available only when Recording Time is set to ***Extended Video***.

[3] to toggle setting

Zoom (☞P.6-8)

Level 1-25

[zoom in key] to zoom in   [zoom out key] to zoom out



Self-Timer (☞P.6-11)

5 seconds

10 seconds

[5] to toggle setting

White Balance (☞P.6-12)

Automatic   **Fine**

Cloudy   **Light Bulb**

[8] to change mode

Effect (☞P.6-12)

[7] to toggle setting

Recording Time (☞P.6-8)

Attach to S! Mail

Extended Video

[2] to toggle setting

Brightness

Level -2 - +2

[#] Brighter   [*] Darker

6 Camera

Pictures

Camera

Select Picture size, Zoom Level, etc. for camera use.

	Picture Size (Dots)	Zoom		Quality	Focus Setting	Attachment	File Format	Storage
		Level	Ratio*1					
External	UXGA (1200x1600)	-	-	Super Fine /Fine /Normal	Auto Focus/ Close-up/ Scenery*2	Available (Up to 290 KB)	JPEG (.jpg)*3	Approx. 1000*4
	SXGA (960x1280)	1 - 2	1.25x					
	VGA (480x640)	1 - 25	2.5x					
	QVGA (240x320)	1 - 25	5.0x					
	QQVGA (120x160)	1 - 25	10.0x					
	Wallpaper (240x400)	1 - 25	4.0x					
Internal	VGA (640x480)	-	-					
	QVGA (320x240)	1 - 2	2.0x					

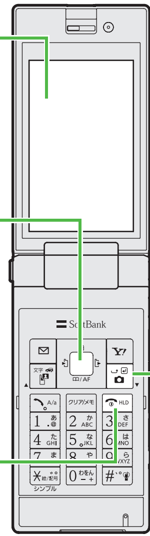
*1 All Zoom Ratio values are approximates.
*2 Focus Setting is available for External Camera only.
*3 Files saved to 821P are automatically named "yy-mm-dd_001.jpg", "yy-mm-dd_002.jpg", etc. unless changed. (yy: year, mm: month, dd: day)
*4 Number of images captured in default settings (Picture Size: QVGA/Quality: Fine) and saved to 821P.

Note

- Activate Night Mode when shooting in low light (☞P.6-12).
- Pictures folder shares memory with Videos, Ring Songs&Tones, S! Appli, etc. in Data Folder. Saved videos, S! Applications, etc. reduce available memory for still images.
- The number of images that can be saved to Memory Card depends on the capacity of the card in use.

Capturing Still Images (Focus Setting)
Bring Camera into focus to capture still images by using Auto Focus function. Optimum settings for the subject can be selected. Use Close-up mode for subjects at a short distance, and Scenery mode for landscapes (☞P.6-4).

Capturing Still Images



1 In Standby, [camera key] to activate Camera

2 Frame subject

- To use Internal Camera: [key]
- To confirm setting: ☞P.6-4

3 [center key] to capture the image

Adjust focus automatically. (Focus Guide turns green when in focus.)

Shutter click sounds at fixed volume.

- To lock Auto Focus: ☞P.6-10

4 To save the image, [center key][Save]

- To return to preview window without saving the image: [Y!]**[Delete]**

5 [HLD key] to exit

Return to Standby.

Note
- Data Folder opens when Phone memory becomes full. Delete files; image is automatically saved.
- If save location is set to Memory Card (☞P.6-12) and memory becomes full, image is saved to Phone memory automatically.

Tip
- Save captured still images [Auto Image Saving] (☞P.6-12)

More
- Sending Still Images via S! Mail (☞P.6-14)

Videos

Video Camera

Record longer clips (maximum size depends on Memory Card capacity) or short clips for S! Mail attachments.

	Setting	Recording Time*1		Quality (Dots)	Zoom		File Format	Storage Capacity
		Handset	Memory Card		Level	Ratio*2		
External	Attach to S! Mail	30 seconds	30 seconds	Normal (176x144)	1 - 25	6.8x	MPEG-4 (.3gp)*3	Approx. 140*4
	Extended Video	160 seconds	60 minutes	Normal (176x144)	1 - 25	6.8x		
		85 seconds	60 minutes	Fine (176x144)	1 - 25	6.8x		
		30 seconds	45 minutes	Super Fine (352x288)	1 - 25	3.4x		
Internal	Attach to S! Mail	30 seconds	30 seconds	Normal (176x144)	1 - 3	3.3x		
	Extended Video	160 seconds	60 minutes	Normal (176x144)	1 - 3	3.3x		
		85 seconds	60 minutes	Fine (176x144)	1 - 3	3.3x		
		30 seconds	45 minutes	Super Fine (352x288)	1 - 2	1.7x		

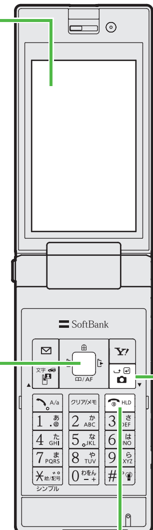
*1 All Recording Times are estimates
*2 All Zoom Ratio values are approximates
*3 Files saved to 821P are automatically named "yy-mm-dd_001.3gp", "yy-mm-dd_002.3gp", etc. unless changed (yy: year, mm: month, dd: day). In Videos folder, "yyyy/mm/dd hh:mm" appears for selected files even if renamed.
*4 Number of video files recorded in default settings (External/Attach to S! Mail) and saved to 821P

Note

- Record video in well-lit conditions.
- Videos folder shares memory with Pictures, Ring Songs&Tones, S! Appli, etc. in Data Folder. Saved still images, S! Applications, etc. reduce available memory for videos.
- The number of files that can be saved to Memory Card depends on the capacity of the card in use.

Recording Videos

- Confirm battery strength (☞P.1-8) and memory before recording. When battery is low, video cannot be recorded.



1 In Standby, press and hold to activate Video Camera

2 Frame subject

- To use Internal Camera:
- To confirm settings: ☞P.6-5

3 to start recording

Tone sounds.

4 to end recording

Tone sounds.

- Recording stops automatically at maximum recording time.

5 To save the video clip, select *Save to Data Folder*→

- To return to Preview window without saving the image: **[Back]**
- To review clip: ***Playback***→

6 to exit

Return to Standby.

Note

- Only Zoom is adjustable while recording.
- If Phone memory becomes full, Data Folder opens. Delete files; image is automatically saved.
- If ***Save to*** is set to ***Memory Card*** (☞P.6-12), file is saved to Memory Card automatically. To delete the saved file, select ***Delete***→

Tip

- Save recorded video clips [Auto Image Saving] (☞P.6-12)

More

- Sending Video via S! Mail (☞P.6-14)

Other Camera Functions

Auto Focus Lock

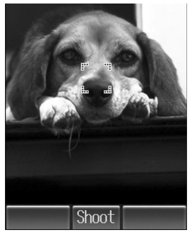
To focus on an off-centered subject, lock focus on the subject and recompose your picture.

- Check if Focus Setting is set to ***Auto Focus*** (☞P.6-4).
- Auto Focus Lock is not available for Internal Camera.

1 In Picture preview window, adjust Focus Guide to subject →

When in focus, handset sounds and Focus Guide turns green.

- To try again:



2 Move Camera around to recompose →



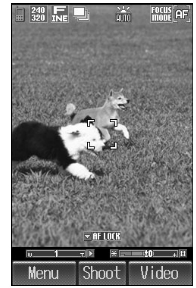
3 to save

Continuous Shooting

Capture a succession of 15 still images automatically with a single press.

- Picture size is fixed to ***QVGA (240x320)***.
- When ***Multi Shot*** is ***ON***, Night mode is set to ***OFF*** automatically.

1 In Picture preview window, 4

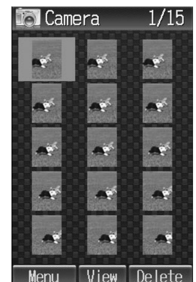


2 Frame subject →

A succession of 15 still images are captured.

Image thumbnails appear.

- To return to preview window without saving the image: **[Delete]** → Step 1



3 To view captured images, [key] to select an image → [key]

Full-size image appears.

- [key] to toggle full-size images.



4 **When Viewing a Full-size Image**

[key]**[Save All]** or [key]**[Save]**

- Press [key]**[Save]** to save the full-size image.

When Viewing Thumbnailed Images

[key]**[Menu]** → ***Save All Pictures*** or ***Save This One Only*** → [key]

Self-Timer

1 In Picture/Video preview window, [5]

Press [5] to toggle 5 seconds, 10 seconds and OFF.

2 Frame subject → [key]

Self-Timer tone sounds. After 5 or 10 seconds, shutter is released and recording starts.

- To end recording: [key]

3 **Save a Still Image**

[key]**[Save]**

Save a Video Clip

Save to Data Folder → [key]

Note

- When Self-Timer is active, [key]**[Cancel]** to return to preview window without canceling Self-Timer.
- Incoming Calls or Alarm cancel image capture. Self-Timer is canceled and previous menu returns.

Camera Settings

● Select options before capture; use Direct Keys (☞P.6-4, P.6-5).

Item	Description	Default	
		Camera	Video Camera
Switch Camera	Toggle cameras (☞P.6-3)	**External Camera**	**External Camera**
Size	Select image size (☞P.6-6)	**QVGA (240x320)**	*
Quality	Select quality. For Video Camera, this setting is available only when ***Recording Time*** is ***Extended Video*** (☞P.6-8).	**Fine**	**Normal (176x144)**
Focus Setting	Switch settings according to subject (☞P.6-6)	**Auto Focus**	*
Recording Time	Select recording time (☞P.6-8)	*	**Attach to S! Mail**
Night Mode	Use in low light conditions	**OFF**	*
Multi Shot	Capture 15 images sequentially (☞P.6-10)	**OFF**	*
Effect	Select color for images	**Normal**	**Normal**
White Balance	Adjust brightness	**Automatic**	**Automatic**
Self-Timer	Set Self-Timer (☞P.6-11)	**OFF**	**OFF**
Shutter Sound	Change shutter click sound ● Volume is fixed.	**Pattern 1**	*
Save to	Select a save location (Phone or Memory Card)	**Phone**	**Phone**
Auto Image Saving	Select whether to save captured images automatically	**OFF**	**OFF**
Available Memory	The number of savable still images at the specified size and quality. For video, total recording time and maximum available recording time for one file at the specified recording time (***Extended Video*** or ***Attach to S! Mail***) and quality.	-	-
Reset Defaults	Reset current camera/video camera settings to defaults	-	-
Help	Open key assignment guide	-	-

* Not available

1 In Picture/Video preview window, ✉**[Menu]**



Example: Camera

2 Select an item → → Follow the steps below

Switch Camera	***External Camera*** or ***Internal Camera*** →
Size	Select a size →
Quality	***Super Fine***, ***Fine*** or ***Normal*** →
Focus Setting	***Auto Focus***, ***Close-up*** or ***Scenery*** →
Recording Time	***Extended Video*** or ***Attach to S! Mail*** →
Night Mode	***ON*** or ***OFF*** →
Multi Shot	***ON*** or ***OFF*** →
Effect	***Normal***, ***Sepia***, ***Monochrome*** or ***Negative*** (for External Camera only) →
White Balance	***Automatic***, ***Fine***, ***Cloudy*** or ***Light Bulb*** →
Self-Timer	***OFF***, ***5 seconds*** or ***10 seconds*** →
Shutter Sound	Select a pattern →
Save to	***Phone*** or ***Memory Card*** →
Auto Image Saving	***ON*** or ***OFF*** →
Available Memory	to select picture size ● Press ✉**[Quality]** to toggle ***Normal***, ***Super Fine*** and ***Fine***. (Unavailable for ***Attach to S! Mail***)
Reset Defaults	
Help	Open key assignment guide

6 Camera

Viewing Saved Images

Main Menu ▶ Data Folder

1 **Open Pictures**

Pictures → [center key]

Open Videos

Videos → [center key]

2 Select a file → [center key]

Selected image appears.



Example: Pictures

Opening Pictures Saved on Memory Card

After Step 1, select ***To DigitalCamera*** ( ) → [center key] → Select a folder → [center key]

Opening Videos Saved on Memory Card

After Step 1, select ***To Video Camera*** ( ) → [center key] → PRL folder → [center key]

Tip

● Edit captured still images (☞P.8-10)

More Advanced Features

Sending Images/Videos

Sending Still Images via S! Mail

In Standby, [camera key] → Frame subject → [center key] → [mail key]**[S! Mail]** → Complete and send S! Mail (☞From Step 1 on P.12-4)

Sending Video via S! Mail

● Recording time must be set to ***Attach to S! Mail*** beforehand (☞P.6-5).

In Standby, press and hold [camera key] → Frame subject → [center key] to start recording → [center key] to end recording → ***Attach to S! Mail*** → [center key] → Complete and send S! Mail (☞From Step 2 on P.12-4)

Note

● Attach up to 290KB. Images over 290KB cannot be attached to S! Mail and saved to Data Folder. Resize still images to attach (☞P.8-10).

● Images (except for Wallpaper size) captured by External Camera may rotate 90° on cross-carrier handsets or PC.

Entertainment

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Media Player

Play music (Audio Player) or video clips (Video Player) saved on 821P/Memory Card.

- Playlist (☞P.7-9).

Notes

- Files may not play due to file support issues or Memory Card status, etc.
- When battery is low, Media Player cannot play files.
- When playing files, Notification Light flashes.
- Playback stops for incoming calls or Alarm.
- If messages are received while Media Player is active, Notification Light flashes with a second of vibration and ✉ appears in Playback window, but ringtone does not sound.
- Charging Indicator lights during playback; playback notification light does not light.

Saving Music Files on PCs

When saving music files to Memory Card via PC or other devices for use with 821P, observe the following guidelines:

- Copyrighted Works
  - Do not infringe on third party/intellectual property rights.
  - Memory Card music files are limited to private use.
- Save files to specified Memory Card directory (☞P.8-20).

For more information, see Help on Utility Software CD-ROM.

Downloading Music/Video

Access websites directly from Media Player to download music (Chaku-Uta®/Chaku-Uta Full®) or video files.

- View details (price, expiry date, etc.) on source website.

Main Menu ▶ Entertainment ▶ Media Player

1 **Download Music (Chaku-uta®/Chaku-uta Full®)**

Audio → → ***Download Music*** → →

Download Video

Video → → ***Download Video*** → →

821P connects to Network and Download site appears.

- Follow onscreen instructions to download media files.

Music Search

Search by artist or title to download music files.

Main Menu ▶ Entertainment ▶ Media Player ▶ Audio ▶ Music Search

1

- Follow onscreen instructions to download music files.

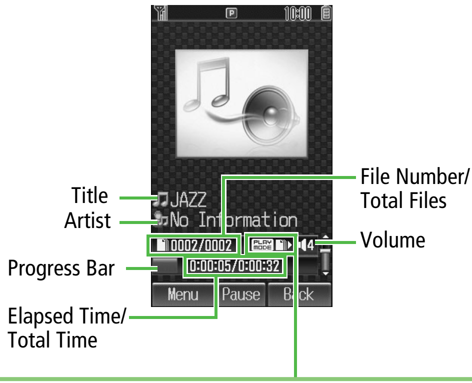
Copy Protected Files

Copy protected files may not play, be saved or forwarded.

To play a copy protected file, obtain Content Key (☞P.8-6).

Confirm file expiry date or usage limitations.

Playback Window Indicators



Playback Mode Indicators

- Play All
- Continuous Play
- Play Once
- Random Play
- Repeat Track

Note: Titles or artist names may not appear depending on files.

Playing Music (Audio Player)

Supported File Formats

File Format		Extensions
MPEG-4 File	AMR-NB	.3gp .mp4 .m4a
	AAC-LC	
	aacPlus	
	Enhanced aacPlus	
	SMC	.smc

- Some files may not play even if format is supported.
- Some copy protected files have extensions different from the ones above.
- Copy protected files do not play after license expiry (Content Key: ☞P.8-6).

Main Menu ▶ Entertainment ▶ Media Player ▶ Audio

1 Select an item →

All	Select files from 821P & Memory Card
Music	Select files from Music folder
Ring Song	Select files from Ring Songs&Tones folder
Playlist	Select group of files saved to a Playlist

- to select files from Memory Card.

2 Select a file →

Selected file plays.

- Playback Window Operations: ☞P.7-7

3 To end playback, or **[Back]** → **[NO]**

- To return to Playback window:



[Audio Playback Window]

Changing Playback Mode

Before selecting a file in Step 2 or while playing file, **[Menu]** → ***Playback Mode*** → → Select playback mode (☞P.7-8) →

Playing SMC Files

Play SMC (Softbank Music Content) files; CD jackets and lyrics appear during playback.

The first jacket appears when playback starts.

- When appears, press to toggle jacket window and lyric window.
- To view next or previous jacket/lyric window, press (forward) or (backward).

Changing Playback Position

During playback, **[Menu]** → ***Set Playback Position*** → → Enter time to start playback →

Playing Video (Video Player)

Supported File Formats

File Format	Extensions
MPEG-4	.3gp .mp4
H.263	

- 821P supports Sub-QCIF, QCIF, QVGA, CIF and video files recorded by SoftBank handsets to send via S! Mail.
- Playing QVGA video switches display to Full Screen (☞P.7-7), and image rotates 90°. Press 0 to switch to normal Playback window.
- Some files may not play even if format is supported.
- Some copy protected files have extensions different from the ones above.
- Copy protected files do not play after license expiry (Content Key: ☞P.8-6).

Main Menu ▶ Entertainment ▶ Media Player ▶ Video

1 Select an item →

All	Select files from 821P & Memory Card
Video Folder	Select files from Videos folder
Playlist	Select group of files saved to a Playlist

- to select Memory Card/Video Camera folder files.

2 Select a file →

Selected file plays.

- Playback Window Operations: ☞P.7-7



[Video Playback Window]

3 to exit

Changing Playback Mode

Before selecting a file in Step 2, **[Menu]** → ***Playback Mode*** → → Select playback mode (☞P.7-8) →

Full Screen Playback

Press 0 to switch to Full Screen during playback. Playback window rotates 90°.

- To return to Normal Screen, press 0 again.



0



Note

- Press 5 in Full Screen mode to rotate Playback window 180°. To return to Normal Screen, press 5 again.
- Last Playback window selected appears first.

Playback Window Operations

Adjust Volume*1	(Increase) / (Decrease)
Replay Track	
Play Previous	twice (once, within first three seconds of a track)
Play Next	
Rewind*2	Press and hold
Forward*2	Press and hold
Pause/Resume	
Stop	Music: twice or → Video: or
View Next Jacket/Lyric*3	#
View Previous Jacket/Lyric*3	*
Switch Jacket/Lyric Display*3	0
Show Full Screen*4	0
Rotate Playback window 180° in Full Screen mode*4	5

*1 Media Player activates at last used volume level.
*2 Available for MPEG-4 files (.3gp, .mp4, .ma4, .smc) (☞P.7-4). However, Rewind/Forward may be unavailable when playing files via other applications.
*3 Supports during SMC file playback only
*4 Supports during video playback only

Options

During playback, press ✉[Menu] for options.

Playback/Pause	Play or pause music/video files
Playback Mode	Select playback mode (☞Right)
Display Lyric/ Display Jacket*1	Show lyric or jacket
Next Jacket/ Next Lyric*1	Show next jacket or lyric
Previous Jacket/ Previous Lyric*1	Show previous jacket or lyric
Set Playback Position*2	Start playback from specified point
Full Screen (Video)/ Normal Screen*3	Select display size for video playback
Upside down (Full Screen)*3	Rotate Full Screen Playback 180°
Connect to URL*4	Open site link; music plays as BGM
Property	Show file details
Help	Show Playback window key assignments

*1 Supports during SMC file playback only
*2 Supports during MPEG-4 file playback only
*3 Supports video playback only
*4 May not be available for some files

Playback Mode

<Default> Play All

- Confirm playback mode settings in Playback window (Playback Mode Indicators: ☞P.7-4).

Main Menu ▶ Entertainment ▶ Media Player ▶ Audio or Video ▶ Playback Mode

1 Select a mode → [center key]

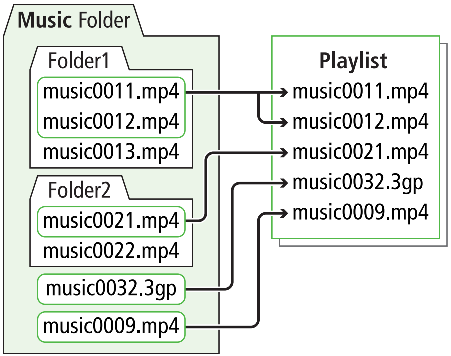
Play All	Play all files in selected folder/ Playlist
Play Once	Play selected file
Repeat Track	Repeat selected file
Continuous Play	Repeat all files in selected folder/ Playlist
Random Play	Play selected folder/Playlist files randomly

Note: Media Player activates in last used mode.

7 Entertainment

Playlist

Use Playlists to organize Data Folder video/music files. Select Videos, Ring Songs&Tones or Music folder files to create Playlist links to each file in its original folder.



Note
- A single Playlist cannot contain both music and video files, or files from both 821P and Memory Card.
- Some files can not be added to Playlist.

Creating New Playlists

- Create up to 30 Playlists on 821P and Memory Card each.
- Add up to 99 files to a single Playlist.

Main Menu ▶ Entertainment ▶ Media Player ▶ Audio or **Video ▶ Playlist**

1 **[Menu]** → ***Create Playlist*** →

2 Enter a Playlist name →

A new Playlist is added to top of list.

3 Select a Playlist → → **[Menu]** → ***Add*** →

4 **Add Files to Music Playlists**

Music or ***Ring Song*** → → Select a file →

Add Files to Video Playlists

Select a file →



[Playlists Window]

E-Books (Japanese)

Use BookSurfing® to acquire/view e-books, comics, photo books, etc.), or e-Book Viewer to view XMDF files on 821P. Content Key may be required for access to some e-media.

- Download Content Keys (☞P.8-6) to read CCF/XMDF files.
- BookSurfing® and e-Book Viewer are S! Applications.
- Some copy protected files have extensions different from the ones below.

Application	File Format
BookSurfing®	CCF (.ccf)
e-Book Viewer	XMDF (.zbf, .zbk, .zbs)

- Some PC content may not be viewable via e-Book Viewer.

Main Menu ▶ Entertainment

1 ***BookSurfing*** or ***e-Book Viewer***→

- See application Help menu for usage information.

Note

- When an S! Application is paused, Confirmation appears; ✉**[YES]** to end it and launch BookSurfing® or e-Book Viewer.
- Launch BookSurfing®/e-Book Viewer via S! Appli, or select a file from Books in Data Folder and press .
- Compatible file titles appear in Books; appears next to incompatible files.
- For Option menu details: ☞P.8-8
- When purchasing a new handset, move CCF/XMDF files via Memory Card. However, if CCF/XMDF files are copy protected, Content Keys backup may be needed (☞P.8-18). Some contents require another Content Key after being moved/copied to a new handset or can not be moved/copied at all.

Managing Files

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Data Folder

Save, play and manage files downloaded from Internet, etc.

- Access websites directly from Pictures, My pictograms, Ring Songs&Tones, S! Appli, Music, Videos, Books, S! Familiar Usability and Templates folders, and download files to 821P.

Data Folder Structure

Folder	Data	File Format	Saved to
Pictures	Still images captured by 821P or downloaded still images, etc.	JPEG (.jpg/.jpeg/.jpe/.jfif), GIF (.gif), PNG (.png), BMP (.bmp), WBMP (.wbmp) JPEG (.jpg) saved in Digital Camera	Phone Memory Card* Digital Camera*
	My Pictograms folder: Downloaded My Pictograms	GIF (.gif), GPK (.gpk)	Phone Memory Card*
Ring Songs&Tones	Downloaded sound files or sounds recorded by Voice Recorder	SMAF (.mmf), SP-MIDI (.mid/.midi), Mobile XMF (.mxmf), AMR-NB (.amr), MPEG-4 (.3gp/.mp4/.m4a)	Phone Memory Card*
S! Appli	S! Applications (☞P.14-1)	Java	Phone Memory Card*
Music	Downloaded music files, etc.	MPEG-4 (.3gp/.mp4/.m4a/.smc)	Phone Memory Card*
Videos	Video clips captured by 821P or downloaded video files, etc.	MPEG-4 (.3gp/.mp4)	Phone Memory Card* Video Camera*

Folder	Data	File Format	Saved to
Books	E-comics, etc.	CCF (.ccf), XMDF (.zbf/.zbk/.zbs)	Phone Memory Card*
S! Familiar Usability	S! Familiar Usability applications (☞P.1-21)	UIE (.uie)	Phone Memory Card*
Templates	Templates (☞P.12-16)	HTML (.hmt)	Phone
Memo Pad	Memo Pad (☞P.11-9)	Text	Phone
Flash(R)	Downloaded Flash® image files	SWF (.swf)	Phone Memory Card*
	Flash(R) Ringtones folder: Downloaded Flash® sound files		
Other Documents	Other files	Other format files	Phone Memory Card*

* Can be used when inserting Memory Cards

My Pictograms

Download GIF images via Internet and use them to create Arrange mail (☞P.12-16).

Flash®

Download Flash® animation (Flash® image files) via Internet; use as Wallpaper (☞P.8-9).

Flash® Ringtones can be set as Ringtones (☞P.8-10).

Note

- These folders can be opened from other functions.
  - **S! Appli**: Main Menu ▶ **S! Appli** (☞P.14-1)
  - **Templates**: Main Menu ▶ **Messaging** ▶ **Templates** (☞P.12-6)
  - **Memo Pad**: Main Menu ▶ **Tools** ▶ **Memo Pad** (☞P.11-9)
- 821P does not support Progressive JPEG files; files are savable but cannot be viewed on 821P.

Using Copy Protected Files

Copying/forwarding/saving may be restricted and Content Key (☞P.8-6) may be required for usage.
See File Properties to confirm restrictions such as expiry term or usage limitation.

- or (Silver) appears for copy protected files requiring Content Keys. files are inaccessible.
- Files downloaded on 821P cannot be used on PCs.
- Network setting may be required for usage.
- File usage may require insertion of USIM Card in use at time of download.
- 821P holds up to 1000 Content Keys. Multiple Keys may be required to use a file. Expired Keys are deleted automatically.

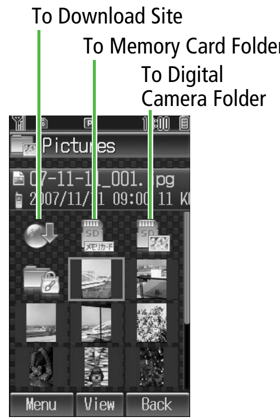
Viewing Data Folder

Main Menu ▶ Data Folder

1 Select a folder →

Pictures and Videos appear in Thumbnail view by default.

- To change folder view: ☞P.8-5



Pictures (Thumbnail)



Ring Songs&Tones (List)

Changing Memory View

- In List view, press [key] to switch views, Phone, Memory Card, Digital Camera*1 or Video Camera*2.
- In Thumbnail view, select (Memory Card), (Digital Camera)*1 or (Video Camera)*2 and press [key]. To return to handset memory, select (Phone) and press [key].

*1 In Pictures folder only
*2 In Videos folder only

Changing Folder View

<Default> Thumbnail

Select Thumbnail or List for Pictures or Videos view.

Main Menu ▶ Data Folder ▶ Pictures or Videos

1 [Menu] → ***More*** → [key]

2 ***Change View*** → [key] → ***Thumbnail*** or ***List*** → [key]

Opening Files

Viewing & Playing Files

Main Menu ▶ Data Folder

1 Select a folder → [key]

- Folder View: ☞P.8-4

2 Select a file → [key]

File appears/plays.

Note
- Some still images may not appear, or may be reduced in size depending on image or file size.
- 821P supports MPEG-4 and H.263 formats, and Sub-QCIF, QCIF, QVGA and CIF size. Video files that were recorded by SoftBank handsets and can be sent via S! Mail are also supported. Some files may not play even if format and size are supported.

Tip

●Playback Window Operations (☞P.7-7) ●Viewing e-Books & Documents (☞P.7-10) ●Using S! Appli (☞P.14-3)

Continuous Playback

Main Menu ▶ **Data Folder** ▶ **Ring Songs&Tones** or **Music** or **Videos**

1 Select a file → ✉**[Menu]** → ***Playback Method*** → ●

2 Select a method → ●

Continuous Play	Repeat all files in selected folder
Random Play	Play all files in selected folder randomly
Repeat Track	Repeat selected file

- Confirm playback method settings in Playback window (Playback Mode Indicators: ☞P.7-4).

Note: When selecting Continuous Play or Random Play, playback starts from the file selected in Step 1.

Content Key

If Content Key is expired, a message appears when the file is opened. To obtain a new Key, press ✉**[YES]**. 821P connects to Content Key site.

- Copy Protected Files: ☞P.8-4
- 🔒 or 🔒 (Silver) appear for files requiring Content Keys. 🔒 files are inaccessible. ✕ appears on images in Thumbnail view of expired files.

Note:
- Alternatively, obtain Content Key as follows: Select a file → ✉**[Menu]** → ***More*** → ● → ***Download Content Key*** → ● → ●.
- Depending on contents, some Content Keys may not be obtained from websites even when warning for expired contents appears.
- When 1000 Content Keys have been saved a message appears. Delete old Keys; otherwise downloads may fail (connection fees apply).

Tip
- Back up Content Keys to Memory Card (☞P.8-18)

Options

Highlight a file in Data Folder and press ✉[Menu] for the following operations.

Pictures

View	Open file
Send*1	Send files via S! Mail, Infrared or Bluetooth®
Send S! Mail*2	Send files via S! Mail
Set as*1	Set as wallpaper (☞P.8-9), Phone Book image, Main Menu Icons, etc.
Edit*1	Resize files (☞P.8-10), trim files (☞P.8-11), rotate files, add frame, clear shadow, etc.
Rename	Change file names (☞P.8-12)
New Folder*1	Create new folders (☞P.8-12)
Move	Move files to other folders (☞P.8-14)
Copy	Copy files (☞P.8-14)
Delete	Delete files (☞P.8-13)
More	Change folder view*1 (☞P.8-5), obtain Content Key*1 (☞P.8-6), open Memory Card folder/Phone folder/Digital Camera folder*1, view file properties

*1 Picture files only
*2 My Pictogram files only

Ring Songs&Tones, Music, Videos

Play	Play files
Send	Send files via S! Mail, Infrared or Bluetooth®
Set as*1	Set ringtone (Voice Call, Video Call and messages) (☞P.8-10) or save to Phone Book
Playback Method	Select playback method (☞P.8-6)
Rename	Change file names (☞P.8-12)
New Folder	Create new folders (☞P.8-12)
Move	Move files to other folders (☞P.8-14)
Copy	Copy files (☞P.8-14)
Delete	Delete files (☞P.8-13)
More	Change folder view*2 (☞P.8-5), obtain Content Key (☞P.8-6), open Memory Card folder/Phone folder/Video Camera folder*2, view file properties

*1 Ring Songs&Tones and Music only
*2 Videos only

Books, S! Familiar Usability

Play*1	Play files
Jump to Web	Connect to website from linked files
Send	Send files via S! Mail, Infrared or Bluetooth®
Set*2	Set as Main Menu Theme
Rename	Change file names (☞P.8-12)
New Folder*1	Create new folders (☞P.8-12)
Move	Move files to other folders (☞P.8-14)
Copy	Copy files (☞P.8-14)
Delete	Delete files (☞P.8-13)
More	Obtain Content Key (☞P.8-6), open Memory Card folder/Phone folder, view file properties

*1 Books only
*2 S! Familiar Usability only

Flash(R)

Play	Play files
Send	Send files via S! Mail, Infrared or Bluetooth®
Set as wallpaper*1	Set as Wallpaper (☞P.8-9)
Set as*2	Set ringtone (Voice Call or Video Call) (☞P.8-10) or save to Phone Book
Rename	Change file names (☞P.8-12)
New Folder	Create new folders (☞P.8-12)
Move	Move files to other folders (☞P.8-14)
Copy	Copy files (☞P.8-14)
Delete	Delete files (☞P.8-13)
More	Obtain Content Key (☞P.8-6), open Memory Card folder/Phone folder, view file properties

*1 Flash® image files only
*2 Flash® sound files only

Other Documents

Rename	Change file names (☞P.8-12)
New Folder	Create new folders (☞P.8-12)
Move	Move files to other folders (☞P.8-14)
Copy	Copy files (☞P.8-14)
Delete	Delete files (☞P.8-13)
More	Open Memory Card folder/Phone folder, view file properties

Using Files

Note

Copy Protected Files

- When set as Wallpaper or Ringtones, license expiry or inserting a different USIM Card may reset default.
- Limited use files cannot be set as Wallpaper or Ringtones.

Wallpaper

Main Menu ▶ **Data Folder** ▶ **Pictures** or **Flash(R)**

1 Select a file → ✉**[Menu]**

2 Select from Pictures

Set as → ● → ***Wallpaper*** → ●

Select from Flash(R)

Set as wallpaper → ●

Ringtones

Main Menu ▶ **Data Folder**

1 Select from Ring Songs&Tones or Music

Ring Songs&Tones or ***Music*** →

Select from Flash(R)

Flash(R) → → ***Flash(R) Ringtones*** →

2 Select a file → **[Menu]** → ***Set as*** →

3 ***Voice Call Ringtone***, ***Video Call Ringtone*** or ***Message Ringtone*** →

- When selecting a SMC file, select a Play Point and press **[Set]**.
- Flash® Ringtones cannot be set as ***Message Ringtone***.

Editing Still Images

Resize

Change still images to QQVGA(120x160), Wallpaper or Main Menu Icon size.

Main Menu ▶ **Data Folder** ▶ **Pictures**

1 Select a file → **[Menu]** → ***Edit*** → → ***Resize*** →

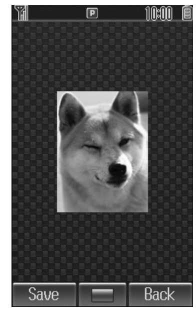
2 Select an image size →

Resized image appears.

- To start over: **[Back]**

3 → Enter a new file name →

Image is saved to Data Folder.



Example: QQVGA

Trimming

Crop still images for size.

Trim to Preset Size

Crop still images for QQVGA (120x160), Wallpaper or Main Menu Icon size.

Main Menu ▶ Data Folder ▶ Pictures

1 Select a file → [Menu] → ***Edit*** → → ***Trimming*** →

2 ***QQVGA (120x160)***, ***Wallpaper (240x400)*** or ***Main Menu Icon 80x76*** →

Rectangle appears on the image.

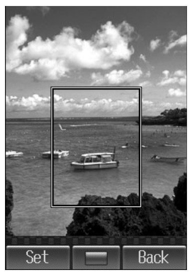
3 to specify the area →

Trimmed image appears.

- To start over: **[Back]**

4 → Enter a new file name →

Image is saved to Data Folder.



Example: QQVGA

Trim to Free Size

Main Menu ▶ Data Folder ▶ Pictures

1 Select a file → [Menu] → ***Edit*** → → ***Trimming*** → → ***Free Size*** →

2 to move ┌ →

Rectangle appears.



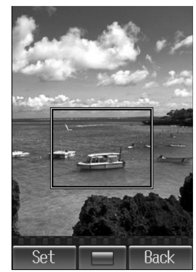
3 to move the rectangle to specify the area →

Trimmed image appears.

- To start over: **[Back]**

4 → Enter a new file name →

Image is saved to Data Folder.



Managing Folders & Files

Creating New Folders

Create new folders within Pictures, Ring Songs&Tones, Music, Videos, Books, Flash(R) and Other Documents.

- Create up to ten new folders in Pictures, Ring Songs&Tones, Music, Videos, Books, Flash(R) or Flash(R) Ringtone folders, up to 100 new folders in Other Documents folder.
- Files in a folder cannot have the same name.
- Digital Camera, Video Camera, S! Appli, Memo Pad, My Pictograms, S! Familiar Usability and Templates do not support new folders.

Main Menu ▶ **Data Folder**

1. Select a folder → [center key]
2. [mail key] **[Menu]** → ***New Folder*** → [center key]
3. Enter a new folder name → [center key]

Changing Folder & File Names

- Only names of created folders and files can be changed.
- Files in a folder cannot have the same name.
- Digital Camera, Video Camera and S! Appli folder names are fixed.

Main Menu ▶ **Data Folder**

1. Select a folder → [center key]
2. Select a folder or file → [mail key] **[Menu]** → ***Rename*** → [center key]
3. Enter a new folder or file name → [center key]

Deleting Folders & Files

- Only created folders can be deleted.
- Some files may not be deleted.
- Folders including undeleted files cannot be deleted.
- appear by copy protected files and indicate that 821P holds Content Keys required to use the files. When deleting files or folders containing files, corresponding Content Keys are also deleted, and other files requiring deleted Content Keys may become unusable. When confirmation appears, press **[NO]** to keep Content Keys.
- Multiple folders cannot be selected.

Main Menu ▶ **Data Folder**

1 Select a folder →

2 Select a folder or file → **[Menu]** → ***Delete*** →

3 **Delete a Folder or File**

One → → **[YES]**

- If confirmation appears, press **[YES]** or **[NO]** → When selecting a folder, enter 4-digit Handset Code → .

Delete Multiple Files

Selected Files → → (Select a file →)* → **[Menu]** → ***Delete*** → → **[YES]** → **[YES]**

- If confirmation appears, press **[YES]** or **[NO]**.

* Checkmarks indicate files are selected. Repeat the step as required. (To release checkmark, press again.)

- To select all files or release all checkmarks: **[Menu]** → ***Check All*** or ***Uncheck All*** →

Delete All the Folders/Files in a Folder

All → → **[YES]** → **[YES]** or **[NO]** → Enter 4-digit Handset Code →

- Handset Code: ☞P.1-24

Moving & Copying Files

- Copy/forward protected files cannot be copied.
- Some pre-installed S! Applications cannot be moved.
- Only JPEG files saved in handset memory can be moved/ copied to Digital Camera folder.
- Only Video files saved in handset memory can be moved/ copied to Video Camera folder.
- In Other Documents folder, copy protected files can be copied, but 821P does not recognize copyright.
- Files may not be forwarded/copied depending on file format or data.
- Forward protected files may be moved to other folders by retrieving Network information (☞P.1-16).

Main Menu ▶ Data Folder

1 Select a folder → [●]

2 Select a file → [✉][Menu] → ***Move*** or ***Copy*** → [●]

3 **Move/Copy a file**

One → [●]

Move/Copy Multiple Files

Selected Files → [●] → (Select a file → [●])* → [✉][Menu] → ***Move*** or ***Copy*** → [●]

* Checkmarks ☑ indicate files are selected. Repeat the step as required. (To release checkmark, press [●] again.)

- To select all files or release all checkmarks: [✉][Menu] → ***Check All*** or ***Uncheck All*** → [●]

Move/Copy All the Files in a Folder

All → [●]

4 Select a folder → [●]

- When selecting ***Selected Files*** or ***All*** in Step3, confirmation appears. Press [✉][YES].

Note: After being copied/moved between 821P and Memory Card, some files may be unusable on other SoftBank handsets or PCs, etc.

Memory Card

821P is compatible with microSD Card.

- microSD Card is referred to as Memory Card.
- 821P is compatible with up to 2GB Memory Cards. (Compatibilities of Panasonic 2GB, Toshiba 2GB and SanDisk 2GB Memory Cards tested and confirmed as of September 2007). Memory Card compatibility is not guaranteed.
- Format new Memory Cards for use with 821P (☞P.8-16).

Note

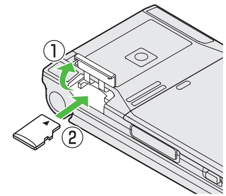
- SoftBank is not liable for damages from accidental loss/alteration of Memory Card information. Keep a copy of Phone Book entries, etc. in a separate place.
- microSD Card has no write protect feature; there is a risk of accidental erasure/overwriting of files.
- Actual Memory Card capacity is lower than indicated due to system files and temporary files.

Memory Card Installation

- Turn off handset before inserting/removing Memory Card.

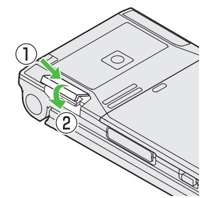
Inserting

1 Open cover. Insert Memory Card until it clicks



2 Close cover

- Slide cover in and press until it clicks shut.

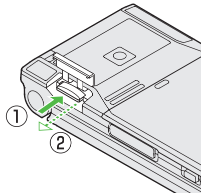


Memory Card Check

When Memory Card is installed correctly, [SD] appears. If [SD?] appears, Memory Card cannot be used. Remove Memory Card from handset, and re-insert it. If [SD?] does not disappear, execute Memory Card Check or format Memory Card (☞P.8-16).
(Display Indicator: ☞P.1-9)

Removing

1 Open cover and gently push Memory Card in



- Memory Card pops out with a light push.

2 Remove card and close cover

- To close cover: ☞P.8-15

> Note
> - Do not remove Memory Card or battery while [SD icon] flashes. Memory Card may be damaged or files lost.
> - Memory Card may pop out when inserting/removing it.

Format Memory Card

- Formatting Memory Card deletes all saved files/data.

Main Menu ▶ Settings ▶ Memory Card Manager ▶ Format Memory Card

1 [key] → Enter 4-digit Handset Code → [key]

- Handset Code: ☞P.1-24

> Note
> - Do not remove Memory Card or battery while formatting; may damage handset or Memory Card.
> - Memory Cards formatted on other devices may not be used. Format Memory Card on 821P before use.
> - 821P cannot format Incompatible Memory Cards.
> - If format fails, turn power off and remove Memory Card from 821P. Reinsert Memory Card and format it again.

Viewing Memory Card Files

View files in Memory Card from Data Folder. To toggle memory views, see "Viewing Data Folder" (☞P.8-4).

Note
- View up to 1000 Memory Card files/folders on 821P. To view hidden Memory Card files/folders, delete files, then turn 821P power off and restart it. Previously hidden files appear in equal number to those that were deleted.
- Files with names over 32 alphanumerics/extensions over six alphanumerics cannot be viewed.
- Unsupported files cannot be viewed.

Phone Data Backup

Back up Phone data to Memory Card; restore Phone data after accidental loss/alteration.

Backup Files

Phone Book	Back up Phone Book. ● All Phone Book entries can be saved regardless of Secret mode settings. ● Settings such as Ringtone, Notification Light, Picture cannot be backed up/restored.
Messages	Back up messages in Incoming Mail, Draft, Sent/Unsent Messages folders. ● The initial portion of S! Mail messages are restored as complete S! Mail messages, and complete message retrieval is invalidated. ● Mail Delivery Rule can not be backed up/restored in Incoming Mail. All restored messages from Memory Card are stored to Received folder.

Calendar	Back up Schedule entries. ● Settings such as Schedule Tone, Notification Light cannot be backed up/restored. ● Schedule entries that cannot be saved on handset (☞P.11-3) cannot be restored. ● Schedule entries that date/time are not specified cannot be restored.
Bookmarks	Back up Yahoo! Keitai and PC Site Browser bookmarks.
Content Keys	Back up downloaded Content Keys. ● Content Keys with expiration dates or usage limits cannot be moved to Memory Card. ● Some applications are made for use on specific models. Contact SoftBank Customer Center, General Information (☞P.17-40) for more information. ● USIM Card inserted when Content Keys were moved to Memory Card must be inserted to move Content Keys from Memory Card. ● After moving Content Keys to Memory Card, files requiring Content Keys cannot be opened. Move Content Keys from Memory Card to use them. ● Content Keys are backed up after the previous back up file is deleted. To back up Content Keys obtained after the first backup, perform ***Move to Phone*** before the second backup.

Notes

- Backup is not available when battery is low. Change/charge battery before backup.
- Backup/restoration activates Offline mode. When backup/restoration starts in Offline mode, Offline mode is not canceled automatically even when backup/restoration is complete.
- When restoring files other than Content Keys from Memory Card, the same type files are all deleted from handset before restoration. Back up files saved on 821P beforehand.
- Depending on contents, Phone Book/Schedule entries, messages or bookmarks may not be backed up/restored, or may be altered beyond the parameters.
- Backup files created on other SoftBank handsets may not be restored or usable on 821P.

Backup/Restore

- Check memory beforehand.

Main Menu ▶ **Settings** ▶ **Memory Card Manager** ▶ **Memory Card Backup**

1 Enter 4-digit Handset Code →

- Handset Code: ☞P.1-24

2 Select an item →

- For ***Messaging***, select a Mailbox →



3 Backup

Copy to Memory Card or ***Move to Memory Card*** → → →

- ***Move to Memory Card*** appears for Content Keys backup.

Restore

Overwrite to Phone or ***Move to Phone*** → → → Select a file → →

- ***Move to Phone*** appears for Content Keys restoration.
- Backup date serves as file name.
  Example: "07121500.vcf" indicates that the file was backed up on 15 December 2007.

Deleting a Backup File

In Step 3, select ***Overwrite to Phone*** → → → Select a file to be deleted → **[Menu]** → ***Delete*** → →

- Content Key backup files cannot be deleted.

PC File Transfers

Files moved or copied from 821P to Memory Card are managed as shown below:

- To use files saved on Memory Card via PCs, save files in folders in PRIVATE - MYFOLDER - My Items, by file type. See "Using Files" (☞P.8-9) to learn how to use files on 821P.

DCIM					● Still images saved to Memory Card ● Still images moved/copied to Digital Camera folder
PRIVATE	MYFOLDER	Utility	Calendar	Calendar.BCK	Schedule Backup files
			Contacts	Contacts.BCK	Phone Book Backup files
			Rights		Content Key Backup files
		Mail	Drafts	Drafts.BCK	Drafts Backup files
			Inbox	Inbox.BCK	Incoming Mail Backup files
			Outbox	Outbox.BCK	Unsent Messages Backup files
			Sent Messages	Sent Messages.BCK	Sent Messages Backup files
		My Items	Book		E-comics, etc.
			Bookmarks	Bookmarks.BCK	Bookmarks Backup files
			Custom Screens		S! Familiar Usability applications
			Flash(R)		Flash® image files
			Flash(R) Ringtones		Flash® sound files
			Games and More		S! Applications
			Music		Sound files with .3gp/.mp4/.m4a/.smc
			Other Documents		Other files
			Pictograms		My Pictograms

PRIVATE	MYFOLDER	My Items	Pictures	Still images moved/copied to Main Folder in Memory Card
			Sounds & Ringtones	Sound files with .3gp/.mp4/.m4a/.mid/.midi/.amr/.mmf/.mxmf
			Videos	Videos moved/copied to Main Folder in Memory Card
			Virtual Space	S! Applications for S! Town
SD_VIDEO				● Videos saved to Memory Card ● Videos moved to Video Camera folder

Note

- 821P temporary files are saved in Memory Card PRIVATE - MEIGROUP - PMC - FS_TEMP folder. All files in this folder are deleted each time Memory Card is inserted into 821P; do not save PC files/folders in this folder.
- Folder layers recognizable in handset are limited to the first layer of each folder (such as, Music folder) in PRIVATE - MYFOLDER - My Items
- When multiple folders/files with same numbers exist in DCIM folder, the folders/files cannot be viewed on 821P.
- Some copy protected files have extensions different from the ones above.
- Images (except for Wallpaper size) captured by External Camera may rotate 90° on cross-carrier handsets or PC.

Connectivity

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Infrared

Before Using Infrared

Transfer Phone Book/Schedule entries, messages, bookmarks and Data Folder files wirelessly between 821P and compatible devices, including PCs and other mobiles.

- 821P infrared function is based on IrMC1.1, however, some IrMC1.1-based device transmissions may not be transmitted/ received within specification.

Transferable Files

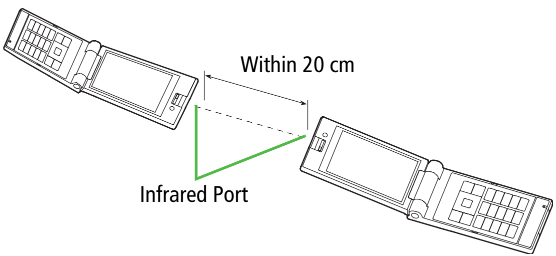
Phone Book Entries	Transfer one entry at a time or all at once ● Ringtone, Notification Light, Picture and other entry settings are lost in transfers. Group, Secret Setting and other entry settings are also lost when one entry is transferred.
Schedule Entries	Transfer one entry at a time ● Schedule Tone, Alarm, Notification Light and other entry settings are lost in transfers. ● Entries with date/time that cannot be set on 821P are not saved (☞P.11-3). ● Entries without specified date/time cannot be received.
Data Folder Files	Transfer one file at a time ● Copy protected files may not transfer.
Messages	Transfer one message at a time ● Messages in Incoming Mail, Draft, Sent Messages and Unsent Messages folders can be transferred.
Bookmarks	Transfer one bookmark at a time

Note

- Depending on their content, some incoming Phone Book/ Schedule entries, messages or bookmarks may not be received, or may be altered beyond the parameters listed left.
- If memory becomes full, remaining entries are truncated. (Memory List: ☞P.17-30)
- Images (except for Wallpaper size) captured by External Camera may rotate 90° on cross-carrier handsets or PC.

Notes

- Debris may inhibit infrared transfers; clean infrared ports with a soft cloth beforehand.
- Direct sunlight/fluorescent light may inhibit transfers.
- Infrared transfers are disabled while sending/receiving messages or using Internet.
- When data transfer is interrupted, it may take some time for process to complete.
- Align infrared ports within 20 cm of one another and make sure no object are placed between them. Do not move the devices until transfer is complete.



One File Transfer

- Transferable Files: ☞P.9-2

Sending

1 Select an item → ✉**[Menu]** → ***Send*** or ***Local Connectivity*** → [icon]

2 Prepare recipient device

3 ***Infrared*** → [icon]

Transfer starts.

Receiving

Main Menu ▶ Connectivity ▶ Infrared ▶ ON

1 [HLD] to return to Standby

[icon] appears. Acquire signal within three minutes.

2 When receiving transfer request from sender, confirmation appears

File name and size appear.

3 [icon]

4 Receive Data Folder Files

Phone or ***Memory Card*** → [key]

Transfer starts.

Receive Phone Book/Schedule Entry

[✉] **[Save]**

Receive Messages/Bookmarks

Messages are saved in Mail Boxes, and bookmarks added to Bookmark List automatically.

Note
- 821P receives files only in Standby.
- Infrared is canceled if no transmission is made within three minutes or handset power is turned off.

All Phone Book Transfers

Sending

Main Menu ▶ **Phone Book** ▶ **Memory Manager** ▶ **Send All Phone Book via Infrared**

1 [key] → Enter 4-digit Handset Code → [key]

- Handset Code: ☞P.1-24

2 Enter Passkey → [key]

Recipient must enter the same Passkey to start transfers.

Receiving

Main Menu ▶ **Connectivity** ▶ **Infrared** ▶ **ON**

1 [HLD key] to return to Standby

[icon] appears. Acquire signal within three minutes.

2 When receiving transfer request from sender, confirmation appears

3 [key] to accept connection request → [key]

4 Enter 4-digit Handset Code → [key]

- Handset Code: ☞P.1-24

5 Enter Passkey → [key]

Transfer starts. Phone Book entries are saved in Phone Book automatically.

Infrared Passkey

Infrared Passkey (4 digits) is required for all data transfers via Infrared. Sender and receiver must input the same Passkey to complete transfers.

Bluetooth®

Transfer Phone Book/Schedule entries, messages, bookmarks and Data Folder files wirelessly between 821P and Bluetooth® compatible devices, including PCs and other mobile handsets.
Use Bluetooth® compatible handsfree devices with 821P.
Connect PC to the Internet using 821P as an external modem.

Before Using Bluetooth®

Bluetooth® Specifications

Version	Bluetooth® specification Ver. 1.2
Supported Profiles*1	HSP (Headset Profile) HFP (Hands-Free Profile) OPP (Object Push Profile) SPP (Serial Port Profile) DUN (Dial-up Network Profile)
Output	Bluetooth® Power Class2
Frequency Bands*2	2.4 GHz (2.402GHz - 2.480GHz)
Communication Distance*3	Approximately ten meters

*1 Bluetooth® connections are available with compatible devices supporting the same profile.
*2 Bluetooth® operates in the 2.4 GHz unlicensed frequency band. Depending on other devices in use in the spectrum, Bluetooth® connection may slow down/terminate, or range may decrease.
*3 Affected by distance between devices, obstructions, signal conditions, handset status, etc.

To View Bluetooth®-related properties
Main Menu ▶ Connectivity ▶ Bluetooth ▶ Details

Transferable Files

Phone Book Entries	Transfer one entry at a time ● Ringtone, Notification Light, Picture, Group and other entry settings are lost in transfers.
Schedule Entries	Transfer one entry at a time ● Schedule Tone, Alarm, Notification Light and other entry settings are lost in transfers. ● Entries with date/time that cannot be set on 821P are not saved (☞P.11-3). ● Entries without specified date/time cannot be received.
Data Folder Files	Transfer one file at a time ● Copy protected files may not transfer.
Messages	Transfer one message at a time ● Messages in Incoming Mail, Draft, Sent Messages and Unsent Messages folders can be transferred.
Bookmarks	Transfer one bookmark at a time

Note

- Depending on their content, some incoming Phone Book/ Schedule entries, messages or bookmarks may not be received, or may be altered beyond the parameters listed above.
- If memory becomes full, remaining entries are truncated (Memory List: ☞P.17-30).
- Images (except for Wallpaper size) captured by External Camera may rotate 90° on cross-carrier handsets or PC.

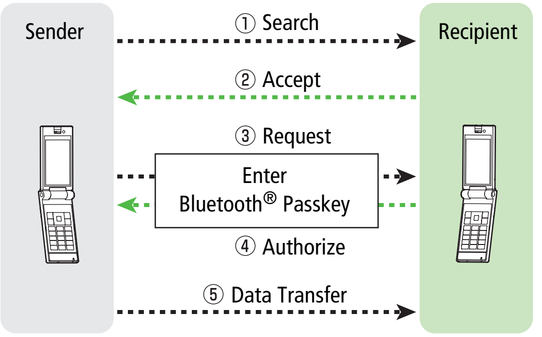
Notes

- 821P may not be able to establish a Bluetooth® connection with some Bluetooth® devices.
- Establish connections with certified Bluetooth® devices that meet the specification standards developed by Bluetooth SIG.
- Due to the unique characteristics/specifications of a certified Bluetooth® device, connections or transfers may fail; procedures, displayed results or operations may vary from those described in the manual.
- When data transfer is interrupted, it may take some time for process to complete.
- Noise may interfere with wireless or handsfree conversations depending on the status of connected devices or signal conditions.
- appears when communicating with handsfree devices. However, there are no icons indicating that 821P is communicating with other Bluetooth® devices.
- For details about headset/handsfree devices, see the device manuals.

Bluetooth® Connection

Activate Bluetooth® on recipient device. Connection completes when a connection request is authorized at recipient. Bluetooth® Passkey may be required.

Connection Flow Example:



Bluetooth® Passkey

Bluetooth® Passkey (4 to 16 digits) is required to connect Bluetooth® devices; sender and receiver must input the same code to complete file transfers.

- Bluetooth® Passkey are not necessary for paired devices.

Activating Bluetooth®

<Default> OFF

Activate Bluetooth® to receive file transfers or connect a handsfree device, etc.

- appears when Bluetooth® is ***ON***.

Main Menu ▶ Connectivity ▶ Bluetooth ▶ Settings ▶ ON/OFF

1 ***ON*** or ***OFF*** →

Searching & Pairing Devices

Search and connect other Bluetooth® devices. Paired devices automatically appear in Paired Device list.

- Bluetooth® Passkey are not necessary for paired devices.
- Search up to 20 Bluetooth® devices at one time; pair with up to ten Bluetooth® devices.
- Activate Bluetooth® before pairing.

Main Menu ▶ Connectivity ▶ Bluetooth

1 ***Add New Device*** →

Device search starts and names of found devices appear.

- Device Indicators

PC	Headset	PDA
Mobile Phone	Car Kit	Others

- To search again: **[Menu]** → ***Search*** →

2 Select a device →

3 Enter Bluetooth® Passkey (4-16 digits) →

- Recipient must enter the same code within 30 seconds to complete pairing.
- For handsfree devices, enter specified Bluetooth® Passkey.

Device Indicator like appears when pairing is complete.

Deleting a Device from Paired Device List
Select a device → [Menu] → *Delete* → →

Accepting Connection Unconditionally with Trusted Devices
[Menu] → *Make Trust* →

- Device Indicator appears with check (example:).
- When receiving data from the trusted device, receive confirmation appear without connection request.

Checking Paired Device List
Main Menu ▶ **Connectivity** ▶ **Bluetooth** ▶ **Paired Devices**

9 Connectivity

Options

Select a device in Paired Device list and press [Menu].

Add New Device	Search for Bluetooth® devices
Make Trust/ Make Untrust	Accept or unaccept connection unconditionally with selected device
Connect/ Disconnect	Connect or disconnect selected device
Rename	Rename selected device in Paired Device list
Delete	Delete selected device from Paired Device list
Supported Profile	View selected device properties

Bluetooth® File Transfers

- Transferable Files: ☞P.9-5

Sending

1 Select an item → [Menu] → ***Send*** or ***Local Connectivity*** → → ***Bluetooth*** →

Paired Device list opens. If Paired Device list is empty, device search starts.

2 Prepare recipient device

3 Select a device →

Transfer starts.

- When selecting an unpaired device: Enter Bluetooth® Passkey (4-16 digits) → → Recipient must enter the same code within 30 seconds to start transfers.

Receiving

Main Menu ▶ **Connectivity** ▶ **Bluetooth** ▶ **Settings** ▶ **ON/OFF** ▶ **ON**

1 to return to Standby

appears.

2 When sender starts transfers, connection request appears

3 [key] to accept connection request

File name and size appear.

4 [key] to start transfers

5 **Receive Data Folder Files**

Phone or ***Memory Card*** → [key]

Transfer starts.

Receive Phone Book/Schedule Entry

[mail key] **[Save]**

Receive Messages/Bookmarks

Messages are saved in Mail Boxes, and bookmarks added to Bookmark List automatically.

Note
- Confirm Visibility setting if 821P cannot be searched or paired with by senders (☞P.16-13).
- When receiving data from the trusted device (☞P.9-8), connection request does not appear.
- 821P receives files only in Standby; even in Standby, when Password Lock is active or Software Update is being performed, 821P does not receive files.

Connecting Bluetooth® Devices

Connecting Handsfree Devices

- Pair with handsfree devices beforehand (☞P.9-7).

Main Menu ▶ **Connectivity** ▶ **Bluetooth** ▶ **Paired Devices**

1 Select a device → [key]**[Conn.]**

When connected, Device Indicator appears.

- To disconnect: [key]**[Disc.]**

Note
- In Standby, make calls from a handsfree device.
- Accessing the Internet on PC or PDA via 821P may incur high packet communication charges.

Tip

Settings ●Activate Auto Answer when using handsfree devices (☞P.16-10) ●Use handset to operate any call initiated via handset while handsfree device connected (☞P.16-13)

USB (Japanese)

Connect 821P to a PC via USB cable for these functions.

Data Transfer	Back up 821P Phone Book, music files or still images to PC. Transfer still images edited/ created on a PC to 821P. ● Savable File Format: ☞P.8-2 ● Copy protected files may not transfer.
Data Communication	Use 821P as a modem for Internet access. ● To set up Internet access, see Help on Utility Software CD-ROM (Japanese). ● Terminate all 821P applications before Data Communication starts. ● Accessing the Internet on PC or PDA via 821P may incur high packet communication charges.

- First, install "820P_821P USB-Handset Manager" and USB driver on a PC before connecting 821P to the PC via USB cable. For PC hardware requirements or installing procedures, see Setup Guide on Utility Software CD-ROM (Japanese).
- Power up 821P before connecting to PC via USB cable.
- Bluetooth®/Infrared unavailable during USB connection.

Location Settings

Retrieve 821P Location Information.

- Only available within 3G network coverage in Japan.

Note

Emergency Positioning Request

When an emergency call is made from 821P, location detected by nearby base station is reported to Emergency response agencies such as the police (☞P.2-4).

Handset Security

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Changing Handset Code

<Default> 9999

Change Handset Code as required.

- For Handset Code details: ☞P.1-24

Main Menu ▶ Settings ▶ Security ▶ Change Password

1. Enter current 4-digit Handset Code → [center key]
2. Enter new 4-digit Handset Code → [center key]
3. Reenter new Handset Code → [center key]

Note: If Handset Code is incorrectly entered three times, warning message appears. Turn off handset and retry to enter.

USIM PINs

- For more information about PINs: ☞P.1-4

PIN Entry

<Default> OFF

Activate to require PIN entry each time 821P is turned on.

Main Menu ▶ Settings ▶ Security ▶ PIN1 ON/OFF

1. ***ON*** or ***OFF*** → [center key]
2. Enter PIN1 → [center key]

Note: When PIN Entry is ***ON***:

- Signal Indicator may take some time to appear in Standby after entering PIN1.
- Enter PIN1 to dial emergency numbers (110, 119, 118).

Changing PIN

<Default> 9999

Change PIN1 or PIN2.

● Activate PIN Entry before changing PIN1 (☞P.10-2).

Main Menu ▶ Settings ▶ Security ▶ Change PIN1 or Change PIN2

1 Enter current PIN1/PIN2 → [key]

2 Enter new PIN1/PIN2 → [key]

3 Reenter new PIN1/PIN2 → [key]

PIN Lock & Cancellation (PUK)

PIN1 Lock or PIN2 Lock is activated if PIN1 or PIN2 is incorrectly entered three times. Cancel PIN Lock or PIN2 Lock by entering Personal Unblocking Key (PUK1/PUK2).

● For information about PUK, contact SoftBank Customer Center, General Information (☞P.17-40).

1 In PIN lock mode, enter PUK → [key]

2 Enter new PIN1/PIN2 → [key]

3 Reenter new PIN1/PIN2 → [key]

Note

● If PUK is incorrectly entered ten times, USIM Card is locked and handset is disabled. Write down PUK.

● For procedures required to unlock USIM Card, contact SoftBank Customer Center, General Information (☞P.17-40).

Security Functions

Keyguard

Lock handset keys to prevent accidental operation.
- While locked, appears in Standby.

Lock Keyguard

1 In Standby, press and hold → [YES]



Unlock Keyguard

1 When appears in Standby, → [YES]

Note
- Alternatively, Main Menu ▶ **Settings** ▶ **Phone Settings** ▶ **Keyguard**.
- Emergency numbers (110, 119, 118) are dialable even if Keyguard is locked (number does not appear on Display). To correct misentries, press , then re-enter number.
- If Keyguard is locked, 821P will not power down. Unlock Keyguard then press and hold .

Password Lock

<Default> OFF

Set Password Lock to require Handset Code after 821P powers up, or after two minutes of inactivity in Standby.
- While Password Lock is set, appears in Standby.
- Handset Code: ☞P.1-24

Main Menu ▶ **Settings** ▶ **Security** ▶ **Password Lock**

1 ***ON*** or ***OFF*** →
- For ***ON***, press .

2 Enter 4-digit Handset Code →

Temporary Unlock
When appears in Standby, enter 4-digit Handset Code →

Note
- Emergency numbers (110, 119, 118) are dialable even when Password Lock is active.
- If Keyguard is locked and Password Lock active, Keyguard takes priority. If Keyguard is canceled, Password Lock activates after two minutes of inactivity in Standby.

Secure Remote Lock

If handset is lost or stolen, lock handset by remote operation using a PC or mobile. If Secure Remote Lock is active, all operations are unavailable except to turn handset on.

- For service details and user agreement/registration, visit SOFTBANK MOBILE Corp. Website (http://www.softbank.jp) or My Softbank.

Accessing My SoftBank

Main Menu ▶ **Yahoo! Keitai** ▶ **Yahoo! Keitai** ▶ メニューリスト ▶ **My SoftBank** ▶ **English**

- Follow onscreen instructions.

Reject Incoming Calls

Rejecting Specific Calls

<Default> OFF

Reject calls from unknown numbers (numbers not saved in Phone Book, blocked Caller ID, pay phones, etc.).

Main Menu ▶ **Settings** ▶ **Call Settings** ▶ **Reject Incoming Calls**

1 ***Unknown***, ***Withheld***, ***Payphone*** or ***Unavailable*** → ●

2 ***ON*** or ***OFF*** → ●

Rejecting Specific Numbers

Add numbers to Reject List to reject specific incoming calls. Then set *Activate Reject List* to *ON*.

Add Numbers to Reject List

Main Menu ▶ Settings ▶ Call Settings ▶ Reject Incoming Calls ▶ Reject List ▶ Edit Reject List

1 [Menu] → *Add* → → *Phone Book*, *From Call Log* or *Direct Entry* →

2 Select a number from Phone Book/Call Log → **[Select]**, or enter a phone number directly →

Editing/Deleting a Number in Reject List

Select a number in the list → **[Menu]** → *Edit* or *Delete* →

Reject List

<Default> OFF

Main Menu ▶ Settings ▶ Call Settings ▶ Reject Incoming Calls ▶ Reject List ▶ Activate Reject List

1 *ON* or *OFF* →

Calls from Rejected Numbers

Handset does not ring/vibrate, but Information window appears. Press to confirm.

- If call is rejected because Caller ID was not sent (Withheld), caller is instructed via Voice Message or Picture to send ID.

Note: Set 821P to reject all incoming calls or incoming calls while abroad (Call Barring: ☞P.17-6).

Secret Mode Setting

<Default> OFF

Activate Secret Mode to use Secret Phone Book entries. When Secret Mode is active appears in Standby.

● Saving to Phone Book (☞P.4-3)

Main Menu ▶ Settings ▶ Security ▶ Secret Mode

1 ***ON*** or ***OFF*** →

2 Enter 4-digit Handset Code →

● Handset Code: ☞P.1-24

Note: When Secret Mode is ***OFF***, only numbers/mail addresses appear for incoming communications from Secret entries.

Reset

Reset Settings

Cancel custom settings and return handset functions to their default settings.

Main Menu ▶ Settings ▶ Security ▶ Reset ▶ Reset Settings

1 →

2 Enter 4-digit Handset Code →

821P automatically turns off and restarts.

● Handset Code: ☞P.1-24

Note: Some default settings may not be restored.

All Reset

Cancel custom settings and return handset functions to their default settings; clear all Phone Book/Data Folder entries etc.

Main Menu ▶ Settings ▶ Security ▶ Reset ▶ All Reset

1 ● → ●

2 Enter 4-digit Handset Code → ●

821P automatically turns off and restarts.

- Handset Code: ☞P.1-24

3 Enter Date → ● → Enter Time → ●

Note

- Charge battery fully (▮ appears) before All Reset.
- Handset Code is reset to default.
- USIM Card/Memory Card files are not affected.
- Non-restorable items deleted by All Reset:
  - Customized settings, call logs, downloaded S! Applications, etc.
  - User-downloaded S! Town data
- Pre-installed S! Applications, Flash® or e-Book files deleted by user are not recovered by All Reset.

Tools/Bar Code Reader

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Calendar

View by day, week or month; set Alarms for events.

Opening Calendar

1 In Standby,

Current month appears.

- When a date with schedule events is selected, up to five events appear.



[One Month Window]

Month View Key Assignments

Operation	Assigned Key
Move Cursor	
Show Previous Month	
Show Next Month	

Note: Alternatively, **Main Menu** ▶ **Tools** ▶ **Calendar**.

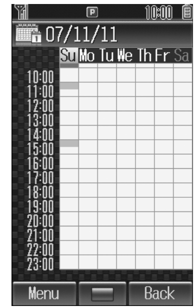
Switching to Week View

<Default> One Month

Select One Week view to see daily schedules.

1 In One Month window, **[Menu]** → ***View Format*** →

2 ***One Week*** →



[One Week Window]

Week View Key Assignments

Operation	Assigned Key
Move Cursor	
Scroll Up/Down	
Show Previous Time Block	
Show Next Time Block	

Creating Calendar Events

Save up to 100 entries.

Item	Description
Note	Enter a content
Category	Select an event type; icon appears in Standby
Start	Set date and time the calendar event starts
End	Set date and time the calendar event ends
Repetition	Set entry to appear again at regular intervals
Reminder	Set alarm time
Location	Enter location
Schedule Tone	Set schedule alarm ringtone
Schedule Volume	Set schedule alarm volume
Notification Light	Set schedule alarm notification light color

Note: Schedule events between 00:00 on 2007/01/01 and 23:59 on 2099/12/31 can be saved on 821P.

1 In Standby,

2 to select a date → **[Menu]** → ***New Entry*** →

3 Select an item →



4 Set the following as required

	Note	Enter title →
	Category	Select category →
	Start	Enter date → → Enter time →
	End	
	Repetition	Select a repeating type → → Enter repeating time →
	Reminder	***OFF*, *Start Time*** or ***5-90 min. ahead*** →
	Location	Enter location →

Schedule Tone	*Schedule Tone* → Or *Ring Songs&Tones* or *Music* → → Select a file → [Set]
Schedule Volume	Adjust volume by →
Notification Light	Select color or *OFF* →

5 **[Save]**

Schedule Icon

Selected icons in Category appears in Standby.

Example: (Meeting), (Anniversary), (Birthday)

- If nothing selected, appears.

Copy Protected Files

Note

- When set as Alarm Tone sound, license may expire, or inserting a different USIM Card may reset default.
- Limited use files cannot be set as Alarm Tone sound.

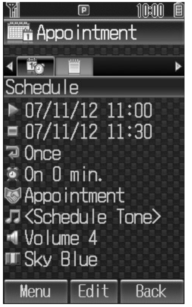
Viewing Calendar Event Details

1 In Standby, → Select a date →

2 Select a schedule →

Detailed schedule appears.

- to switch Schedule tab and Note tab.



[Event Details Window]

3 **[Back]** to exit

Tip

More

- Viewing Calendar Memory Status (☞P.11-13)

At Reminder Time

If Reminder is set, Schedule Tone sounds and Notification Light flashes.

1 When Schedule Tone sounds,

Schedule Tone stops and Calendar List appears.

2 to view details

Canceling Schedule Tone

- to return to Standby.
- **[Stop]** to return to previous menu.
- Press any key except for , **[Stop]**, **[View]** or to cancel Schedule Tone without returning to Standby. Press to view detailed schedule.

Note

Schedule Tone does not sound in the following cases:

- During a call (Notification appears and 821P vibrates)
- In Manner mode (Manner settings take priority)
- When handset power is turned off
- For entries invalidated by Time Correction

Editing Calendar Events

1 In Standby,

2 Select a date →

3 Select a calendar event → **[Menu]** → ***Edit*** →

4 Select an item → → Edit

- To edit a calendar event: ☞P.11-3

5 **[Save]** to end

Deleting Calendar Events

Deleting a Calendar Event

1 In Standby,

2 Select a date →

3 Select a calendar event → **[Menu]** → ***Delete*** → →

Deleting Multiple Calendar Events

- When deleting the events on scheduled date or in the past, repetitive entries cannot be deleted.

1 In Standby, [key]

2 Select a date → [✉][Menu] → ***Delete*** → [key]

3 **Delete Events on Scheduled Date**

Day → [key] → [key] → [key]

Delete Events before Current Date

Past → [key] → [key] → [key]

Delete All Events

All → [key] → [✉][YES] → Enter 4-digit Handset Code → [key]

- Handset Code: ☞P.1-24

Alarms

Setting Alarm

Set up to five alarms. Alarm Tone sounds at the specified time once, everyday or weekly as set.

- [alarm icon] appears in Standby when Alarm is set.

Item	Description
Alarm ON/OFF	Activate or cancel Alarm
Time	Set Alarm time
Repetition	Select repetition
Alarm Tone	Set Alarm Tone sound
Set Alarm Snooze	Alarm Tone sounds for 60 seconds, repeating up to five times at specified intervals
Alarm Volume	Set Alarm Tone volume
Pictures	Select image to appear
Set Alarm Vibration	Select Vibration type
Notification Light	Select Notification Light color
Set Alarm Priority	Set Manner mode or Alarm priority

1 Select an alarm → [center key]

2 Select an item → [center key]



3 Set the following as required

[icon] / [icon]	**Alarm ON/ OFF**	***ON*** or ***OFF*** → [center key]
[icon]	**Time**	Enter time → [center key]
[icon]	**Repetition**	***Once***, ***Everyday*** or ***Weekly*** → [center key] → For ***Weekly***, select a day → [center key] (Repeat as required) → [mail key] **[OK]**
[icon]	**Alarm Tone**	***Alarm Tone*** → [center key] Or ***Ring Songs&Tones*** or ***Music*** → [center key] → Select a file* → [mail key] **[Set]**
[icon]	**Set Alarm Snooze**	***ON*** or ***OFF*** → [center key] → For ***ON***, enter interval → [center key]
[icon]	**Alarm Volume**	Adjust volume by [navigation key] → [center key]
[icon]	**Pictures**	Select a still image → [mail key] **[Set]**
[icon]	**Set Alarm Vibration**	Select pattern or ***OFF*** → [center key]
[icon]	**Notification Light**	Select color or ***OFF*** → [center key]
[icon]	**Set Alarm Priority**	***Manner Mode Prioritized*** or ***Alarm Prioritized*** → [center key]

* When selecting a SMC file, select a Play Point and press [mail key] **[Set]**.

4 [mail key] **[Save]**

Note

Copy Protected Files

- When set as Alarm Tone sound, license may expire, or inserting a different USIM Card may reset default.
- Limited use files cannot be set as Alarm Tone sound.

At Alarm Time

Alarm Tone sounds, Notification Light flashes, 821P vibrates, etc. as set.

1 Press any key

Alarm stops and confirmation window appears. (When pressing , confirmation does not appear.)

- Stops automatically after 60 seconds of inactivity.

Snooze Function

If ***ON***, press any key except ; confirmation appears.

To cancel Alarm, **[Stop]**.

- When pressing to stop alarm, confirmation does not appear. (Snooze function is still active.)

Note

Alarm Tone does not sound in the following cases:

- During a call (notification appears and 821P vibrates)
- In ***Manner Mode Prioritized*** (Manner settings take priority)
- When handset power is turned off
- For entries invalidated by Time Correction

Canceling & Reactivating Alarm

Activate a canceled Alarm to apply previous settings.

Main Menu ▶ Tools ▶ Alarms

1 Select an alarm

 appears for set alarms; for unset/canceled ones.



2 **[Menu]** → ***Alarm ON*** or ***Alarm OFF*** →

Calculator

Complete basic mathematical calculations up to ten digits.

Main Menu ▶ Tools ▶ Calculator

Operation	Assigned key
Number (0 -9)	0 - 9
+	
–	
x	
÷	
=	
Decimal point	
Clear	Y! / クリア/メモ
Toggle + and –	#



Entering Negative Numbers
Enter a number then press # to toggle negative/positive value.

■ Example

-17+28.5=11.5

1 7 # 2 8 5

Memo Pad

Saving a New Memo

Main Menu ▶ Tools or Data Folder ▶ Memo Pad

1 [Menu] → *New* →

2 Enter text →

New memo is added to the top of the list.

- Up to 64 characters can be entered.



[Memo Pads Window]

Editing a Memo

Main Menu ▶ Tools or Data Folder ▶ Memo Pad

1 Select a memo →

2 Edit text →

Edited memo is overwritten.

Deleting Memos

Select a memo → **[Menu]** → ***Delete*** → → ***One*** or ***All*** → → **[YES]** → When selecting ***All***, enter 4-digit Handset Code (☞P.1-24) →

Tip

More ●Viewing Details (☞P.11-13)

Voice Recorder

Record voice memos of up to 60-seconds.

● Recording during a call: ☞P.2-8

Main Menu ▶ Tools ▶ Voice Recorder

1

Recording starts.

2 to stop recording

● To play:

3 **[Save]**

Recorded sounds are saved in Ring Songs&Tones folder.



Bar Code Reader

Scan barcodes (JAN) or QR Codes with built-in camera. Access websites, send messages, etc. from QR Codes.

- Handset automatically detects code type.
- Up to ten items can be saved.
- For split data, up to 16 QR Codes can be scanned at a time and saved as one item.

Note
- 821P cannot read barcodes other than JAN codes.
- QR Code is a two-dimensional bar code containing information.
- Scan may fail if barcodes are dirty or unclear.
- Scan one code at a time; otherwise scan may fail.

Scanning Barcodes

Main Menu ▶ Bar Code Reader ▶ Scan Barcodes

1 Frame barcode in the center of Display

- To adjust display brightness: or
- To zoom:
- To use Focus Lock:

2

Scanning starts, and scanned results appear when completed.

- For split data, → Repeat Step 1 and 2

3 **[Save]**

- To start over: → → From Step 2



[Scanned Results Window]

Note
- If recognition stalls, adjust display brightness and retry.
- Brightness can be adjusted while scanning; however, zoom level can not be changed.
- When memory is full, warning appears. Delete old data.

Using Barcode Data

Select URLs, mail addresses or phone numbers in scanned data and press [key]; operations below are available.

URL (http:// or https://)	Connect to websites; add to Bookmarks (☞P.13-9)
URL (rtsp://)	Streaming; add to Bookmarks
Mail Address	Create new S! Mail messages (☞P.12-4); save to Phone Book (☞P.4-4)
Phone Number	Make calls; create messages* (S! Mail: ☞P.12-4/SMS: ☞P.12-8); save to Phone Book (☞P.4-4)
Phone Book Data (MEMORY: text)	Save to Phone Book ● Save ***MEMORY:*** text only ● Saved to ***Phone*** regardless of ***Save Settings*** selection

* SoftBank handset numbers only

Tip

More ●Inserting Scanned Text into Messages ●Copying Text from Scanned Results (☞P.11-14)

Viewing Saved Data

Main Menu ▶ **Bar Code Reader**
▶ **Saved Data List**

1 Select data →

- Saved items are automatically named "yymmdd_hhmmss" unless changed. (yy: year, mm: month, dd: day, hh: hour, mm: minute, ss: second)



[Saved Data List Window]

Changing Data Titles

Select data → **[Menu]** → ***Rename*** → → Edit title →

Deleting Data

Select data → **[Menu]** → ***Delete One*** → →

More Advanced Features

Calendar Memory Status

In Standby, → **[Menu]** → ***Memory Status*** →

Memo Pad Functions

From ▶ **[Memo Pads Window] P.11-9**

Viewing Details [Property]

[Memo Pads Window] Select a memo → **[Menu]** → ***Property*** →

Bar Code Reader Functions

From ▶ [Scanned Results Window] P.11-11

Inserting Scanned Text into Messages [Paste Data & Create Mail]

[Scanned Results Window] **[Menu]** → ***Paste Data & Create Mail*** → → ***S! Mail*** or ***SMS*** →

Copying Text from Scanned Results [Copy]

Copy All Text

[Scanned Results Window] **[Menu]** → ***Copy*** → → **[All]** →

Copy Selected Text

[Scanned Results Window] **[Menu]** → ***Copy*** → → Place cursor before (or after) text to copy → → Place cursor after (or before) text to copy →

Messaging

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Basics

Send messages via S! Mail or SMS.

S! Mail [Separate subscription required]	Exchange text messages with SoftBank or e-mail compatible handsets, PCs, etc.; attach image or sound files etc. ● 821P is compatible with Arrange Mail (☞P.12-6) and Feeling Mail (☞P.12-6).
SMS	Exchange short text messages with SoftBank handsets.

● For more information, visit SOFTBANK MOBILE Corp. Website (http://www.softbank.jp).

Available Entry Items & Character Entry Limits

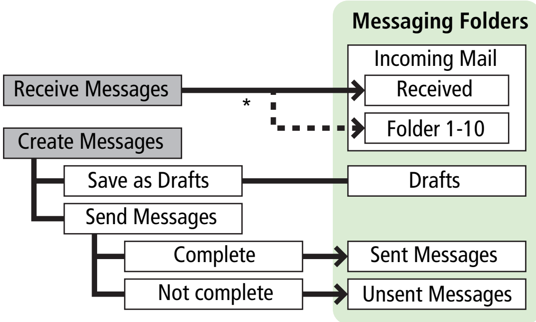
Item		S! Mail		SMS	
Address	**E-mail Address**	○	Up to 246 single-byte alphanumerics /Up to 20 recipients	×	-
	Phone Number *1	○		○	Up to 20 single-byte alphanumerics /ten recipients
Subject		○	Up to 256 double-/single-byte alphanumerics	×	-
Text		○	30 KB*2	○	Up to 70 double-/single-byte alphanumerics *3
Attachment		○	Up to 20 files	×	-

*1 SoftBank handset numbers only
*2 S! Mail Entry Limit decreases when mail attachments exceed 260 KB.
*3 When text entry mode is set to single-byte alphanumerics (☞P.16-17), up to 160 single-byte alphanumerics can be entered.

Note
- Send up to 300 KB including subject, message text and attachment via S! Mail. Message text character limit differs by attachment size.
- SMS messages can be converted to S! Mail, but not in the following cases:
  - S! Mail memory is full (☞P.12-3)
  - During a call (S! Mail messages cannot be created during a call)
- S! Mail cannot be converted to SMS.

Messaging Folders & Memory Status

Messages are organized in folders by message type.



* Set Mail Delivery Rule (☞P.12-13) to sort received messages automatically.

Deleting Messages Automatically

When memory for Drafts/Sent Messages/Unsent Messages is low, old Messages in Sent Messages folder are automatically deleted one by one. Protect important messages from unintentional deletion (☞P.12-17). Messages other than sent messages are not deleted automatically.

When Messaging Memory is Full

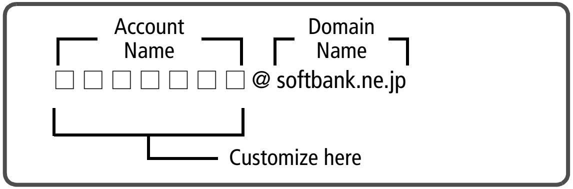
(Received Full) or (SMS Memory Full) appears in Standby and no more new incoming messages are received. Delete old messages in Incoming Mail folder (☞P.12-17). Retrieve new messages after deleting some S! Mail (☞P.12-17).

Tip

Settings ●Mail Security Setting (☞P.16-14) ●Set not to store sent SMS (☞P.16-17)

Customizing Handset Address

Change your handset mail address (alphanumerics before @) to reduce the risk of receiving spam. Default account name is random alphanumerics.



- For details, contact SoftBank Customer Center, General Information (☞P.17-40).
- Handset mail address cannot be changed in Offline mode.
- For operations while using Internet: ☞P.13-7

1 [] → ***Settings*** →

2 ***Custom Mail Address*** →

821P connects to the Network.

Follow onscreen instructions.

Sending S! Mail & SMS

Sending S! Mail

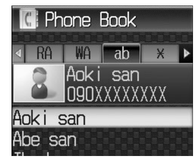
Example: Select a Phone Book entry to send S! Mail.

1 In Standby, press and hold []



[Composition Window]

2 ***<Add Address>*** → → ***Phone Book*** →



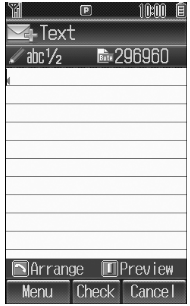
3 Select a Phone Book entry → → Select a SoftBank handset number or mail address →



4 ***<Add Subject>*** → → Enter subject →



5 ***<Input Text>*** →



[Text Entry Window]

6 Enter text →

7 **[Send]**



Tip

More ●Entering Address Directly ●Selecting Address From Send Logs ●Adding/Editing Recipients ●Delivery Report ●Setting Priority (☞P.12-15) ●Saving to Drafts (☞P.12-16)

Settings ●Confirm message delivery (☞P.16-14)

Adding Attachments

Example: Attach Picture files to S! Mail.

1 After Step 6 (☞Left) ***<Add Attachment>*** →



2 Select a folder in Data Folder → → Select a file → **[Set]**

3 **[Send]**



Note

- Some files can not be attached depending on the file format or size.
- Some copy protected files can not be sent.

Tip

More ●Adding/Deleting Attachments (☞P.12-15)

Sending Feeling Mail

Apply Feeling Mail setting to S! Mail; recipient handset responds according to link to Feeling settings.

- Send Feeling Mail to compatible SoftBank handsets only.
- Ringtone, vibration and notification light settings vary depending on Feeling Expression of recipient handset (☞P.16-16).

1 After Step 6 on page 12-5, **[Menu]** → ***Sending Options*** → → ***Feeling Expression*** →



2 Select an item → → Select an icon →

Selected icon appears in Subject field.



3 **[Send]**

Arrange Mail

Create HTML messages; select font color/size, background color, or insert images, etc.

Example: Use various Templates to create Arrange Mail.

- Change font size
- Scroll text

1 After Step 4 on page 12-5, **[Menu]** → ***Insert Template*** → → Select a template → **[Set]**

- To preview the template: Select a template → → **[Back]**



2 Select Text field → → Edit the template field

3 → ***Font Size*** →

Arrange Palette



4 Select Font size → → Enter text →

5 → ***Select Arrange Area*** →



6 Place cursor before a sentence to scroll → **[Start]** → Move cursor to end of sentence → **[End]**



7 ***Start Scrolling*** → → **[Close]**



8 (Side Key) to preview → **[Back]**

9 → **[Send]**

Reset Operations

- To cancel previous operation: Close Arrange Palette → **[Menu]** → ***Undo*** →
- To reset all Arrange operations: → ***Reset All Arrange*** → →

Note

In Simple Mode, text in composition window appears in ***Large Size*** regardless of Font Size setting. When placing cursor at text, Font Size icon (: Large Size, : Small Size) appears. (When ***Normal Size*** is selected, Font Size icon does not appear.)

In preview window, text appears in selected font size.

Tip

More

- Using Other Arrange Settings
- Saving Templates
- Downloading Templates via Internet (☞P.12-16)

Sending SMS Messages

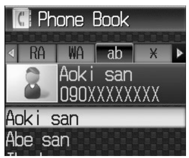
Example: Select a Phone Book entry to send SMS.

1 In Standby, [ ] → ***Create New SMS*** →



[Composition Window]

2 ***<Add Address>*** → → ***Phone Book*** →



3 Select a Phone Book entry → → Select a SoftBank handset number →

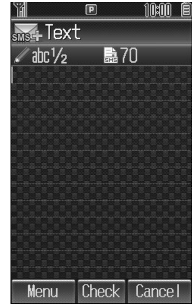


4 ***<Input Text>*** →

5 Enter text →

- When entered text exceeds entry limit, S! Mail conversion option message appears.

6 **[Send]**



[Text Entry Window]

Manual Mail Conversion

In SMS composition window, **[Menu]** → ***Switch Message Type*** →

Tip

More ●Entering Address Directly ●Selecting Address from Send Logs ●Adding/Editing Recipients ●Delivery Report (☞P.12-15) ●Setting SMS Expiry Time ●Saving to Drafts (☞P.12-16)

Settings ●Confirm message delivery (☞P.16-14) ●Set not to save stored SMS ●Set a time limit to store all sent SMS at the Center ●Change SMS Center number ●Set input character type to English (☞P.16-17)

Receiving & Viewing Messages

Opening New Messages

When a new message is received, ✉ appears and Information window opens in Standby.

- Auto Download retrieves complete messages and any attachments. Transmission fees are incurred; adjust to use. (To cancel Auto Download: ☞P.16-15)

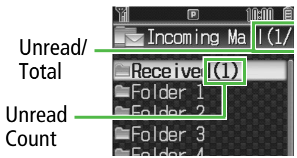


Receiving Feeling Mail

Ringtone, vibration and notification light respond according to emotion settings, and Information window opens.



1 *Message* → [key]



[Incoming Mail]

2 Select a folder → [key]



[Message List Window]

3 Select an unread message → [key]



[Message Window]

Note

When receiving messages while out of Standby, Message tone may not sound and Notification Light may not flash. ✉ flashes for new messages instead. During a call, two beeps sound from Earpiece.

Tip

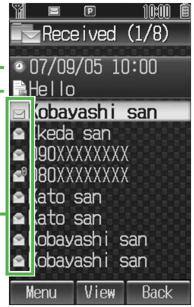
More
- Retrieve Messages Manually (☞P.12-17)

Settings
- Change ringtone ●Change ringer volume ●Change ringtone duration (☞P.16-2) ●Set Notification Light for incoming messages (☞P.16-7) ●Open Incoming Mail folder each time 821P is opened after receiving new message (☞P.16-14) ●Feeling Mail Settings (☞P.16-16)

Window Description

Messaging Folder Contents

Received or Sent Date & Time, and S! Mail Subject or SMS Message Text



Example: Received Message Folders in Incoming Mail

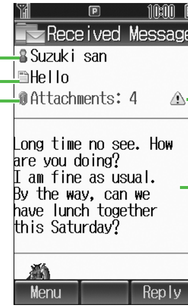
Message Type/Status

Message Type	Message Status
/ Unread/Read S! Mail	Attachments
/ Unread/Read S! Mail Notice	(Gold) Protected
/ Unread/Read SMS	Forwarded Messages
/ Unread/Read USIM Card SMS	Replied Message
	High Priority
	Low Priority

Message Contents

Sender*

Subject



System Message Icon (☞P.12-17)

Message Text

Example: Received Message

Number of Attachments

The number of files (images, sounds, videos, text, etc.) appears.

* For Sent Message, recipient appears

Note

- Status icons for protected/forwarded/replied SMS messages saved in USIM Card do not appear.
- After retrieving complete messages, S! Mail Notice icons with (Forwarded) or (Replied) change to / (S! Mail).
- Messages remain protected after complete messages are retrieved via protected S! Mail Notices.

Tip

More ●Sorting Messages ●Viewing System Messages ●Changing Font Size (☞P.12-17)

12 Messaging

Retrieving Complete S! Mail

S! Mail may not be downloaded automatically while out of Standby. When the Center sends the initial portion of Mail, retrieve the complete Mail.

1 At the end of message text, highlight ***There are sequels*** →



Retrieving a Complete Message

In received message list, **[Menu]** → ***Retrieve*** → → ***One*** →

Retrieving Multiple Complete Messages

In received message list, select S! Mail Notice (a message with or) → **[Menu]** → ***Retrieve*** → → ***Selected Messages*** → → (Repeat: Select a message →)* → **[Retrieve]** →

* To cancel selection, press again.

Opening & Saving Attachments

1 In Message window, **[Menu]** → ***Attachment List*** →

2 Select a file → → **[Back]**

3 To save the file, select a file → **[Save]** → ***Phone*** or ***Memory Card*** →



Note

- When messages are opened, attached image files appear/play automatically.
- (Silver) appears with file requiring a Content Key. If Content Key has expired, warning appears when opening a file. Acquire new Content Key (☞P.8-6).

File formats Supported by Auto Playback

- Picture files (JPG, GIF, PNG)
- Music files (SMAF, AMR, MIDI, SP-MIDI)

Tip

Settings
- Set not to open attached image files automatically
- Play attached music files automatically (☞P.16-15)

3D Pictograms

Animate compatible message text, Pictograms and Emoticons.

● Incomplete S! Mail text does not appear animated.

1 In Message window, ✉**[Menu]**



2 ***3D Preview*** → ●

The first 150 characters of message text appear animated.

● To pause/resume: ●

● To cancel: ✉**[Stop]**



Tip

Settings ●Enable 3D Pictograms when opening messages
●Change font or background color (☞P.16-17)

Viewing Server Mail

Retrieve Mail List stored at the Center to view Server Mail.

1 In Standby, ✉[✉] → ***Server Mail Box*** → ● → ***Mail List*** → ●

2 ✉**[Update]** → ●

Incoming Mail Folder

Mail Delivery Rule

- Previously received messages are not sorted.
- If the same address or subject is saved in multiple folders, lowest numbered Folder has priority.
- Either address or mail subject can be specified per folder.

Sorting by Sender's Address

- Specify up to ten addresses per folder.

1 In Standby, [ ] → ***Incoming Mail*** →

2 Select Folder 1 - 10 → **[Menu]** → ***Mail Delivery Rule*** →



3 **[Menu]** → ***Add Address*** →

4 Select an address selection method → → Select a address or enter directly →

- To delete set address: Select an address → **[Menu]** → ***Delete*** →



5 **[Back]**

Sorting by Mail Subject

- Specify up to one subject per folder.
- SMS cannot be sorted.

1 After Step 2 on left, **[Menu]** → ***Add Subject*** → → Enter a subject →



- To delete set subject: **[Menu]** → ***Delete*** →

Renaming Folders

1 After Step 1 on left, select Folder 1 - 10 → **[Menu]** → ***Rename*** →

2 Enter a folder name →



Using Messages

Checking Messages in Messaging Folders

1 ✉[✉] → ***Incoming Mail*, *Drafts*, *Sent Messages*** or ***Unsent Messages*** →

- In Incoming Mail folder, select a folder then message.
- Messaging Folders: ☞P.12-3

2 Select a message →

Tip

More ●Deleting Messages ●Protecting Messages (☞P.12-17) ●Forwarding Messages ●Using Messages in Drafts ●Using Linked Information ●Using Sender's/Recipient's Information ●Sending Unsent Messages ●Using Sent Messages (☞P.12-18)

Replying to Messages

1 In Message window, **[Reply]**

- ***Re:*** appears before Subject of reply.

2 Complete message → **[Send]**



Replying to All Addresses

In Message window, ✉**[Menu]** → ***Reply*** → → ***Reply to All*** → → Complete message → **[Send]**

Note

- Alternatively, select a message in message list to reply to → ✉**[Menu]** → ***Reply*** → → ***To Sender*** or ***Reply to All*** → .
- When replying/forwarding a message, words used in received message take priority in Forecast list (☞P.3-8).

Tip

Settings ●Set not to prioritize words in received message when replying/forwarding (☞P.16-14) ●Quote message text when replying (☞P.16-15)

More Advanced Features

From ▶ **[Composition Window] [Text Entry Window]**
S! Mail: P.12-4, P.12-5/SMS: P.12-8
[Message List Window] [Message Window] P.12-10

Adding Recipients/Attachments

Entering Address Directly [Enter Number or Enter Address]

[Composition Window] *<Add Address>* → → *Enter Number* or *Enter Address* → → Select a SoftBank handset number or mail address →

Selecting Address From Send Logs [Send Logs]

[Composition Window] *<Add Address>* → → *Send Logs* → → Select a record →

Adding/Editing Recipients

Add Recipient

[Composition Window] Select Address field → → **[Menu]** → *Add* → → Select or enter a recipient → **[Select]**

Edit Recipient

[Composition Window] Select Address field → → Select an address → **[Menu]** → *Edit* → → Edit address →

Delete Recipients

[Composition Window] Select Address field → → Select an address → **[Menu]** → *Delete* →

Change To/Cc/Bcc (S! Mail only)

[Composition Window] Select Address field → → Select an address → **[Menu]** → *Change To/Cc/Bcc* → → *To*, *Cc* or *Bcc* →

Adding/Deleting Attachments

Add Attachments

[Composition Window] Select Attachment field → → **[Menu]** → *Add* → → Select a folder → → Select a file → **[Set]**

Delete Attachments

[Composition Window] Select Attachment field → → Select a file → **[Menu]** → *Delete* →

Delivery Functions

Delivery Report [Sending Options: Delivery Report]

[Composition Window] **[Menu]** → *Sending Options* → → *Delivery Report* → → *ON* →

Settings ●Confirm message delivery (☞P.16-14)

Setting Priority [Sending Options: Set Priorities]

[Composition Window] **[Menu]** → *Sending Options* → → *Set Priorities* → → Select priority →

Setting SMS Expiry Time [Sending Options: Expiry]

[Composition Window] ✉**[Menu]** → ***Sending Options*** → ● → ***Expiry*** → ● → Select a limit → ●

Settings ●Set a time limit to store all sent SMS at the Center (☞P.16-17)

Saving to Drafts [Save as Drafts]

[Composition Window] ✉**[Menu]** → ***Save as Drafts*** → ●

Arrange Mail Functions

Using Other Arrange Settings

[Text Entry Window] ↘ → Select an Arrange item → ● → Follow the steps below

Arrange Items

Select Arrange Area	Specify text to be arranged Place cursor before (or after) text → ✉**[Start]** → Place cursor after (or before) text → ✉**[End]** → Select an icon → Follow the steps ● To cancel selection: ● while highlighted
Font Color	Change color Select a color → ●
Start Blink	Flash text
Background Color	Change background color Select color → ●
Insert Files	Insert images, BGM or Flash® ***Select File*** → ● → Select a folder → ● → Select a file → ✉**[Set]** ● To delete BGM, ***Delete BGM*** → ●
Reset All Arrange	Cancel Arrange Mail settings ●
Font Size	Change font size Select font size → ●
Alignment	Align text Select alignment → ●
Start Scrolling	Scroll text
Start Swing	Swing text
Insert Line	Insert separator line
My Pictograms	Insert My Pictograms Select My Pictograms → ✉**[Set]**

- One file of BGM or Flash®, and up to 40 types of My Pictograms or images can be inserted per Arrange Mail.
- To delete inserted images, lines, My Pictograms, etc.: Close Arrange Palette → Move cursor before images, etc. → クリア/メモ

Saving Templates [Save as Template]

[Composition Window] ✉**[Menu]** → ***Save as Template*** → ●

Downloading Templates via Internet

✉[✉] → ***Templates*** → ● → ***Download Templates*** → ●

12 Messaging

Manually Retrieving Messages/ System Message

Retrieve Messages Manually

[ ] → ***Retrieve New*** →

- Retrieve S! Mail messages saved on Server while handset is off/ out-of-range.

System Message

appears for incoming message problem (e.g., Attachments undelivered) right of attachment field in Message window.

In Message window, **[Menu]** → ***System Message*** → .

Message Display

Sorting Messages [Sort]

[Message List Window] **[Menu]** → ***Sort*** → → Select a sorting method →

Changing Font Size [Font Size]

[Message Window] **[Menu]** → ***Font Size*** → → Select a size →

Organizing Messages

Deleting Messages [Delete]

Delete a Message

[Message List Window] Select a message → **[Menu]** → ***Delete*** → → ***One*** → →

Delete Selected Messages

[Message List Window] **[Menu]** → ***Delete*** → → ***Selected Files*** → → (Repeat: Select a message →)* → **[Delete]** →

* To cancel selection, press again.

Delete All Messages

[Message List Window] **[Menu]** → ***Delete*** → → ***All*** → → **[YES]** → Enter 4-digit Handset Code →

Protecting Messages [Protect]

Protect/Unprotect a Message

[Message List Window] Select a message → **[Menu]** → ***Protect*** or ***Unprotect*** → → ***One*** →

Protect/Unprotect Selected Messages

[Message List Window] Select a message → **[Menu]** → ***Protect*** or ***Unprotect*** → → ***Protect Selected Items*** or ***Unprotect Selected Items*** → (Repeat: Select a message →)* → **[Execute]** →

* To cancel selection, press again.

Using Messages

Forwarding Messages [Forward]

[Message Window] [Menu] → ***Forward*** → → ***<Add Address>*** → → Select a method → → Select an address or enter directly → → **[Send]**

- ***Fw:*** appears before Subject and > before quoted message text of forwarded messages.
- Attachments are also forwarded. (Copy protected attachments are not forwardable.)

Sending Drafts [Drafts]

[ ] → ***Drafts*** → → Select a message → → **[Send]**

Using Linked Information [Using Phone Numbers/Addresses/URLs]

Make Calls

[Message Window] Select a phone number (highlighted) → → ***Call*** → → ***Voice Call*** or ***Video Call*** → →

Send Messages

[Message Window] Select a phone number or address (highlighted) → → ***Create Message*** → → ***S! Mail*** or ***SMS*** → → Create a message → **[Send]**

- Selecting ***S! Mail*** or ***SMS*** is not available when using addresses.

Add to Phone Book

[Message Window] Select a phone number or address (highlighted) → → ***Add to Phone Book*** → → ***Create New Entry*** or select an existing entry → → (☞From Step 1 on P.4-4)

Access Website

[Message Window] Select a URL (highlighted) → → ***Connect to URL*** → →

Add to Bookmarks

[Message Window] Select a URL (highlighted) → → ***Add to Bookmark*** → → ***<Title>*** → → Edit title → → Select Folder → → Select a folder → → **[Save]**

Using Sender's/Recipient's Information [Using Phone numbers/Addresses]

Make Calls

[Message Window] [Menu] → ***Call*** → → ***Voice Call*** or ***Video Call*** →

Save to Phone Book

[Message Window] [Menu] → ***Add Sender to Phone Book*** or ***Add Destination to Phone Book*** → → ***Create New Entry*** or select an existing entry → → (☞From Step 1 on P.4-4)

Sending Unsent Messages [Unsent Messages]

[ ] → ***Unsent Messages*** → → Select a message → [Menu] → ***Send*** →

Using Sent Messages

[ ] → ***Sent Messages*** → → Select a message → [Menu] → ***Edit*** → → Edit message → **[Send]**

12

Messaging

Internet

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13

Getting Started

Access Yahoo! Keitai Mobile Internet and PC sites.
"Yahoo! Keitai" is both a SoftBank Mobile Internet service and the SoftBank Mobile Internet portal.
View PC Internet websites via PC Site Browser.

Internet

Yahoo! Keitai

- View Mobile Internet Websites (☞P.13-3)
- Download image/sound files, etc. (☞P.13-11)
- Video/Music Streaming (☞P.13-13)
- Register S! Quick News (☞P.13-15)

PC Sites

- View PC Sites (☞P.13-5)
- Download still images (☞P.13-11)

Note

- Separate subscription is required for Network access.
- For more information, visit SOFTBANK MOBILE Corp. Website (http://www.softbank.jp).
- Video Calls cannot be received while connecting to the Network.

Cache Memory

Retrieved information is temporarily saved in Cache Memory. When full, oldest is deleted first.

- Previously viewed pages may load from Cache Memory. To view the latest, update information (☞P.13-14).
- Cached items with expiry dates are deleted upon expiry.
- Information remains even after 821P is disconnected from the Network or handset power is turned off.

Tip

Settings ●Delete information held in Cache Memory ●Delete Cookies sent by a server for used ID ●Initialize Browser (☞P.16-19)

SSL/TLS

SSL (Secure Socket Layer) and TLS (Transport Layer Security) are encryption protocols for secure Internet transmissions of important/sensitive information such as credit card numbers. Electronic certificates are saved on 821P (☞P.16-20).

Notes

When a security notice appears, subscribers must decide for themselves whether or not to open the page. Opening secure pages constitutes agreement to the terms of usage. SOFTBANK MOBILE Corp., VeriSign Japan K.K., GlobalSign K.K., RSA Security Inc., Cybertrust Japan Co., Ltd., SECOM Trust Systems Co.Ltd. and Entrust Japan Co.,Ltd. cannot be held liable for any damages associated with the use of SSL and TLS.

Tip

Settings ●Security Settings (☞P.16-20)

Using Yahoo! Keitai

Opening Yahoo! Keitai Main Menu

Select Yahoo! Keitai Main Menu items to access websites.

Main Menu ▶ Yahoo! Keitai

1 ***Yahoo! Keitai*** → [center key]

821P connects to the Network.

2 Select a menu item → [center key]

- Repeat Step 2 as required.
- Basic Operations: ☞P.13-7

Note: Shortcut: In Standby, press [Y!] [Y!].

13 Internet

Entering URL

Enter URLs (addresses beginning with "http://" or "https://") directly to access websites, or open previously viewed pages using URL histories.

● Up to 20 URL histories are stored.

Main Menu ▶ Yahoo! Keitai ▶ Enter URL

1 **Enter URL Directly**

Direct Entry → → Enter URL →

Use URL History

URL History List → →

Select a URL →



[URL History List Window]

Tip **More** ●Editing URL Histories ●Deleting URL History (☞P.13-17)

Using Access Histories

Open previously viewed pages using access histories.

● Up to 100 access histories are stored. (The number of savable histories varies depending on data amount.)

Main Menu ▶ Yahoo! Keitai ▶ History

1 Select a history →



[History Window]

Tip **More** ●Deleting Access Histories (☞P.13-17)

Exiting Mobile Internet

1 →

Note Closing 821P does not affect active browser.

Using PC Site Browser

Opening Menu

View PC websites using PC Site Browser.

- When PC Site Browser is active, appears.
- Some pages may not be viewable.
- Viewing PC websites may incur high charges.

Main Menu ▶ Yahoo! Keitai ▶ PC Site Browser

1 ***Homepage*** →

Confirmation appears. Press **[OK]**.

- For ***Show Every Time***, confirmation appears next time PC Browser is activated.

2 Select a menu item →

Repeat Step 2 as required.

Tip

Settings ●Set not to show warning messages when activating PC Site Browser or switching to Yahoo! Keitai (☞P.16-18)

Entering URL

Enter URLs (addresses beginning with "http://" or "https://") directly to access PC websites, or open previously viewed pages using URL histories.

- Up to 20 URL histories are stored.

Main Menu ▶ Yahoo! Keitai ▶ PC Site Browser ▶ Enter URL

1 **Enter URL Directly**

Direct Entry → → Enter URL →

Use URL History

URL History List → → Select a URL →



[URL History List Window]

Tip

More ●Editing URL Histories ●Deleting URL History (☞P.13-17)

Using Access Histories

Open previously viewed pages using access histories.

- Up to 100 access histories are stored. (The number of savable histories varies depending on data amount.)

Main Menu ▶ Yahoo! Keitai ▶ PC Site Browser ▶ History

1 Select a history →



[History Window]

Tip
More
● Deleting Access Histories (☞P.13-17)

Exiting Internet

1 →

Note Closing 821P does not affect active browser.

Basic Operations

Using Cursor

Moving Cursor	Use cursor to select underlined menu items. to move right to move left to move to previous line to move to next line
Scrolling Pages	Scroll bar appears on right side or at bottom of Display when page content continues beyond view. scroll up/down scroll left/right scroll page up by a screenful scroll page down by a screenful ● To scroll continuously, press and hold above keys.
Moving to previous page/ next page	Previously viewed pages are temporarily saved in Cache Memory (☞P.13-2). **[Back]**: Return to previous page **[Menu]** → ***Forward*** → : View next page ● Some web pages may not appear after performing the steps above.

Web Page Sound Volume

- When Manner mode is active or Voice Call Ringer Volume set to ***Silent***, web page sounds are muted.
- Sound volume cannot be adjusted while viewing web pages. Adjust Voice Call Ringer Volume beforehand (☞P.16-2).
- If activated, Media Player sound volume is adjustable.
- Incoming message tone does not sound while Yahoo! Keitai is active regardless of Mode or message ringtone settings.

Opening Secure Pages

Confirmation appears for SSL/TLS pages. Press **[YES]** to open the secure page.

When Authentication is Required

Some pages require user authentication for access.

If required, enter user ID or password → .

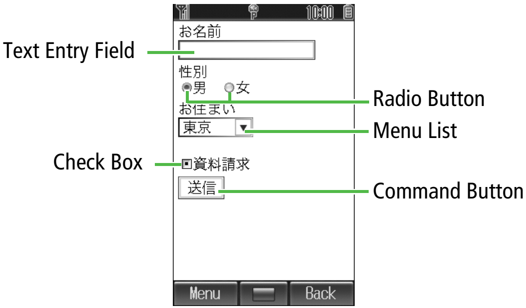
Tip

Settings ●Change character size ●Select scroll unit ●Do not show images ●Do not retrieve sounds (☞P.16-18) ●Delete user ID or password entered when authentication is required (☞P.16-19)

13 Internet

Text Entry & Item Selection

Enter text or select items to send information.



● Actual web pages may differ in appearance.

Text Entry Field	Highlight field → ● → Enter text → ●
Menu List	Highlight field → ● Menu list appears. Highlight an item → ● Selected items are highlighted.
Radio Button	Highlight ○ → ● When selected, ◉ appears.
Check Box	Highlight □ → ● When selected, ▣ appears.
Command Button	Highlight the button → ● Corresponding command is executed.

Tip

Settings ●Delete input memory such as entered text (☞P.16-19)

Using Information

Bookmarks & Saved Pages

Bookmark websites or save page content to Saved Pages.

● Some copy protected materials cannot be saved.

Bookmarks	Save links to websites. 821P connects to the Network to open the link. Create folders to organize Bookmarks.
Saved Pages	Save page content. 821P opens saved pages without connecting to the Network.

Saving Web Pages

1 Open a web page → [Menu] → ***Bookmarks*** or ***Saved Pages*** →

2 ***Add*** →

3 **Save Bookmarks**

Select title → → Edit title → → [Save]

● To save to folders: Select Folder* → → Select a folder →

* Not selectable when no folders exist in Bookmarks.

Save Saved Pages

Edit title →

Viewing Bookmarks & Saved Pages

Main Menu ▶ Yahoo! Keitai (▶ PC Site Browser)

1 ***Bookmarks*** or ***Saved Pages*** →

Example: Yahoo! Keitai Browser



[Bookmark List Window]



[Saved Pages List Window]

2 Select an item →

Tip

More ●Saving URLs to Bookmarks ●Opening Bookmarks & Saved Pages while Online (☞P.13-17)

13 Internet

Managing Bookmarks & Saved Pages

Follow the steps below to open Bookmarks or Saved pages list:

Yahoo! Keitai

Main Menu ▶ Yahoo! Keitai ▶ Bookmarks or **Saved Pages**

PC Site Browser

Main Menu ▶ Yahoo! Keitai ▶ PC Site Browser ▶ Bookmarks or **Saved Pages**

Note
- Panasonic site bookmark cannot be edited/deleted.
- When a different USIM Card is inserted, Saved Pages do not appear or title name cannot be changed.

Creating New Bookmark Folders

- Folders cannot be created within existing folders.

1 In bookmark list, **[Menu]** → ***Create*** → → ***Folder*** →

2 Enter title →

Moving Bookmarks to Folder

Select a bookmark in Step 1 → **[Menu]** → ***Move to*** → → Select a folder →

Editing Folder Title

Select a folder in Step 1 → **[Menu]** → ***Edit*** → → Edit folder title →

Editing Bookmark Titles/URLs

1 Select a bookmark in Bookmark List Window → **[Menu]** → ***Edit*** →

2 Select a title or URL →

3 Edit Bookmark titles/URLs → **[Save]**

Renaming Saved Pages

1 Select an item in Saved Pages List Window → ✉**[Menu]** → ***Rename*** → ●

2 Edit a title → ●

Tip More
●Deleting Bookmarks/Folders (☞P.13-17) ●Deleting Saved Pages ●Reordering Bookmarks/Folders ●Sending Bookmark URLs ●Sending Bookmarks via Infrared/Bluetooth® (☞P.13-18)

Downloading Images/Sounds to Save

Save images, sounds, etc. to Data Folder.

● For PC Site Browser, only still images can be saved.

1 Open a web page → ✉**[Menu]** → ***Select item*** → ●

2 Select a file → ●

File details appear.

3 ✉**[Save]**

4 ***Phone*** or ***Memory Card*** → ●

Available menu items vary by saved content.

Saving Linked Files

Select linked text → ● → ✉**[Save]** → ***Phone*** or ***Memory Card*** → ●

Note

- 821P does not support Progressive JPEG files.
- Do not remove Memory Card while saving files to it.
- Do not turn 821P power off while downloading or saving files. Files may be damaged.
- Some copy protected files may not be saved.

Using Number, Address or URL

Use linked numbers, addresses or URLs to make calls, send messages or access websites. Save them directly to Phone Book.

- Available only when number, address or URL is underlined.

1 Open a web page containing phone numbers, mail addresses or URLs

2 **Phone Number**

Select a phone number → → ***Voice Call***, ***Video Call*** or ***Phone Book*** →

To make a call, select ***Voice Call*** or ***Video Call***, then press .

To save number to Phone Book, select ***Phone Book***. Phone Book Entry window appears (☞P.4-4).

E-mail Address

Select an address → → ***S! Mail***, ***SMS*** or ***Phone Book*** →

To create message, select ***S! Mail*** or ***SMS*** (S! Mail: ☞P.12-4/SMS: ☞P.12-8).

To save address to Phone Book, select ***Phone Book***. Phone Book Entry window appears (☞P.4-4).

URL

Select URL →

821P connects to the Network.

Streaming

Enjoy video/sound clips while they download.

- Supported by compatible files on Yahoo! Keitai sites only.
- Streaming files cannot be saved.

Main Menu ▶ Yahoo! Keitai ▶ Yahoo! Keitai

1 Open a web page → Select a file → [key]

Media Player activates and streaming starts.

- To pause: [key] → [key] to resume
- Playback Window Operations: ☞P.7-7
  (Replay Track, Play Previous and Play Next are Unavailable)

2 [key] or [Y!] **[Back]** to exit

Note

- Streaming requires a continuous Network connection. (Transmission fees apply.)
- Streaming indicator appears (☞P.1-9).
- Paused streams may stop after three minutes of inactivity.
- When roaming abroad, streaming may be unavailable or not be performed properly.

Changing Display Size

Press [0] to toggle Display size while streaming. When switching to Full Screen, Display rotates 90° to the right. To return to Normal Screen, Press [0] again.

- For key operations while streaming, see Playback Window Operations in Media Player (☞P.7-7).

Incoming Voice Calls while Streaming

Incoming call pauses an active stream.

- Video Calls cannot be received while streaming.

Option Menu Items

In Yahoo! Keitai, press ✉**[Menu]** for these options:

Forward	Go to next page (☞P.13-7)
Bookmarks	View Bookmarks list or add a one to it
Saved Pages	View Saved Pages list or add a new one to it
Text Copy	Copy page text
Reload Page	Refresh page information
Small Screen/ PC Screen*1	Toggle display size
Page Operation	**Frame In/Frame Out**: Select full screen frame **Jump to Top**: Jump to top of page **Jump to Bottom**: Jump to end of page **Zoom In/Out***1: Zoom page in/out
Select item	View, play or save file to Data Folder (☞P.13-11)
More	**Search**: Search page text **History**: Open previously viewed pages **Send Bookmark**: Send URL via S! Mail/SMS **Enter URL**: Enter URL directly to open site **Property**: View page details or electronic certificates for secure pages **Flash(R) Menu**: Playback/pause Flash® files
To PC Site Browser*2/ **Change Browser***1	Toggle Yahoo! Keitai/PC site
Yahoo! Keitai*2/ **Homepage***1	View top menu
Settings	**Font Size**: Change character size **Encoding**: Change encoding type

*1 PC Site Browser only
*2 Yahoo! Keitai only

S! Quick News (Japanese)

Add news headlines, weather forecasts, etc. via S! Quick News List or S! Loop List (☞P.15-3) to scroll across Standby Window.

- Standby Window: ☞P.1-17
- To view information from S! Quick News List or S! Loop List: ☞P.13-16

Tip

Settings ●Automatically update S! Quick News List/S! Loop List (☞P.16-21)

Registering S! Quick News Items

- Register up to one News Flash and four general news items.
- Register up to five items in S! Loop List.

Main Menu ▶ Yahoo! Keitai ▶ S! Quick News

1 **Register Items in S! Quick News List**

S! Quick News List → [●] → ***Contents List*** → [●]

Yahoo! Keitai connects and Contents list appears.

Register Items in S! Loop List

S! Loop List → [●] → ***S! Loop*** → [●]

S! Loop connects and page appears.

2 Select an item → [●] → [●]

Opening New Information

Viewing New Information in Standby

When new information is received, [icon] appears in Standby.

1 [◎] to select ticker

- Ticker color changes, and information (up to three lines) appears on top of ticker.

2 To check content: [●]

Contents display appears.

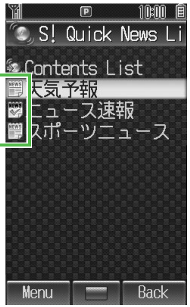
3 Select information → [●]

Details appear.

Tip

Settings ●Show only unread items in Standby ●Change marquee speed ●Block image data (☞P.16-21)

Opening S! Quick News List/S! Loop List



[S! Quick News List Window]



[S! Loop List Window]

Icons

- Unread News Flash
- Unread General News/S! Loop
- Read News Flash
- Read General News/S! Loop
- Auto Update Disabled

Main Menu ▶ Yahoo! Keitai ▶ S! Quick News ▶ S! Quick News List or S! Loop List

1 Select an item →

Content list appears.

2 Select information →

Detailed information appears.

3 To connect to the Network, select a title →

Updating Manually

In Step1, **[Menu]** → ***Update*** → → ***One*** or ***All*** → →

Tip **More**

- Viewing Received Date/Time or News Summary
- Deleting Registered Items (☞P.13-18)

More Advanced Features

URL/Access History Functions

From ▶ [URL History List Window] P.13-4, P.13-5
[History Window] P.13-4, P.13-6

Editing URL Histories [Edit]

[URL History List Window] Select a URL → **[Menu]** → ***Edit*** → → Edit the URL →

Deleting URL History [Delete]

Delete One URL History

[URL History List Window] Select a URL → **[Menu]** → ***Delete*** → → ***One*** → → **[YES]**

Delete All URL Histories

[URL History List Window] **[Menu]** → ***Delete*** → → ***All*** → → **[YES]**

Deleting Access Histories [Delete]

Delete One Access History

[History Window] Select a URL → **[Menu]** → ***Delete*** → → ***One*** → →

Delete All Access Histories

[History Window] **[Menu]** → ***Delete*** → → ***All*** → → **[YES]** → Enter 4-digit Handset Code →

Bookmarks/Saved Pages Functions

From ▶ [Bookmark List Window]
[Saved Pages List Window] P.13-9

Saving URLs to Bookmarks

[Bookmark List Window] **[Create]*** → ***Bookmark*** → → ***<Title>*** → → Enter Title → → ***<URL>*** → → Enter URL → → When saving to a folder, select Folder → → Select a folder → → **[Save]**

* When saved items exist: **[Menu]** → ***Create*** →

Opening Bookmarks & Saved Pages while Online

[Menu] → ***Bookmarks*** or ***Saved Pages*** → → ***View List*** →

Deleting Bookmarks/Folders

Delete One Bookmark/Folder

[Bookmark List Window] Select a bookmark or folder → **[Menu]** → ***Delete*** → → ***One*** → →

Delete All Bookmarks/Folders

[Bookmark List Window] **[Menu]** → ***Delete*** → → ***All*** → → **[YES]** → Enter 4-digit Handset Code →

Deleting Saved Pages [Delete]

Delete One Saved Page

[Saved Pages List Window] Select an item → **[Menu]** → ***Delete*** → → ***One*** → →

Delete All Saved Pages

[Saved Pages List Window] **[Menu]** → ***Delete*** → → ***All*** → → **[YES]** → Enter 4-digit Handset Code →

Reordering Bookmarks/Folders [Reordering]

[Bookmark List Window] Select a bookmark or folder → **[Menu]** → ***Reordering*** → → to select new order →

Sending Bookmark URLs [Send Bookmark]

[Bookmark List Window] Select a bookmark → **[Menu]** → ***Send Bookmark*** → → ***S! Mail*** or ***SMS*** →

Sending Bookmarks via Infrared or Bluetooth® [Local Connectivity]

[Bookmark List Window] Select a bookmark → **[Menu]** → ***Local Connectivity*** → → ***Infrared*** or ***Bluetooth*** →

S! Quick News Functions

From ▶ **[S! Quick News/S! Loop List Window] P.13-16**

Viewing Received Date/Time or News Summary [Summary Display]

[S! Quick News/S! Loop List Window] Select an information → **[Menu]** → ***Summary Display*** →

Deleting Registered Items [Delete]

Delete One Item

[S! Quick News/S! Loop List Window] Select an item → **[Menu]** → ***Delete*** → → ***One*** → →

Delete All Items

[S! Quick News/S! Loop List Window] **[Menu]** → ***Delete*** → → ***All*** → → **[YES]** → Enter 4-digit Handset Code →

S! Appli

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Activating S! Appli 14-3
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Security Level Functions 14-4

Before Using S! Appli

S! Appli are Java™-based applications designed to run on SoftBank handsets. Download games and other real-time applications for use on 821P.

- Separate subscription required to use downloaded S! Applications (not required for pre-installed S! Appli).
- See each pre-installed S! Appli's Help menu for usage.

Note: For more information, visit SOFTBANK MOBILE Corp. Website (http://www.softbank.jp).

Network S! Applications

Network S! Applications require Network connections.

- Connection fees apply.

License Information

Main Menu ▶ **S! Appli** ▶ **Information**

Downloading S! Appli

Download up to 100 S! Applications to 821P/Memory Card.

Main Menu ▶ **S! Appli** ▶ **S! Appli Library**

1 ***Download S! Appli*** → [●]

821P connects to the Network, and download site appears.

2 Select an S! Application → [●]

Properties appear.

3 Follow onscreen instructions

4 ***Phone*** or ***Memory Card*** → [●]

- Download may take some time.
- Downloaded S! Application is saved to Data Folder automatically.

5 [✉] **[YES]** to activate

Downloaded S! Application starts.

- To exit: [Y!] **[NO]**

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Using S! Appli

Activating S! Appli

Main Menu ▶ S! Appli ▶ S! Appli Library

1 Select an S! Application → [key]

S! Application starts and [icon] appears.

- See application Help menu for usage information.
- Confirmation appears when selecting Network S! Application.
- For a Memory Card S! Application, [key] to select ***Memory Card*** tab before Step 1.



[S! Appli Library Window]

Note

- Activate an S! Application; **Main Menu ▶ Data Folder ▶ S! Appli ▶** Select an S! Application
- Incoming transmissions pause S! Applications.
- An error message may appear while an S! Application using Bluetooth® is paused or due to ambient factors. End the application completely then restart it.

Terminate/Suspend & Resume

Terminating/Pausing S! Appli

1 While running an S! Application, [HLD key]

2 ***Terminate*** or ***Suspend*** → [key]

[icon] appears for a suspended application.

Resuming/Terminating Paused S! Appli

Main Menu ▶ S! Appli ▶ S! Appli Library

1 ***Resume*** or ***Terminate*** → [key]

Resumed application starts from paused point.

Tip

More ●Moving S! Appli between 821P and Memory Card ●Deleting S! Appli ●Viewing S! Appli Properties ●Setting Security Level while Running S! Applications (☞P.14-4)

Settings ●Change S! Application volume ●Keep Backlight on/off while S! Application runs ●Deactivate Vibration for S! Application ●Suspend S! Application after set period of inactivity ●Synchronize Memory Card used in another handset etc. to update S! Appli Library (☞P.16-22)

More Advanced Features

From ▶ [S! Appli Library Window] P.14-3

Managing Applications

Moving S! Appli between 821P and Memory Card [Move]

[S! Appli Library Window] Select an S! Application → [Menu] → *Move* →

- Some S! Applications cannot be moved to Memory Card.

Deleting S! Appli [Delete]

[S! Appli Library Window] Select an S! Application → [Menu] → *Delete* → →

- S! Town, Near Chat, BookSurfing®, e-Book Viewer and G-GUIDE MOBILE cannot be deleted.

Viewing S! Appli Properties [Property]

[S! Appli Library Window] Select an S! Application → [Menu] → *Property* →

Security Level Functions

Setting Security Level while Running S! Applications [Permission]

[S! Appli Library Window] Select an S! Application → [Menu] → *Permission* → → Select an item (See below) → → *Always Allowed*, *Ask First Time**, *Ask Every Time* or *Not Allowed* →

* Confirmation appears the first time application is activated.

Security Items

Network Access	Connect to the Network
Messaging	Send/receive messages
Auto Invocation	Activate S! Applications
Multimedia Recording	Activate Camera
Data Reading Access	Read Phone Book, Calendar events, etc.
Data Rewriting Access	Write/delete Phone Book, Calendar events, etc.
Location Access	Retrieve Location information
Bluetooth	Use Bluetooth®

- Security Level cannot be set for some S! Applications.

Communication

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Starting Near Chat...15-4

S! Town (Japanese)

S! Town is an online communication application.
Enjoy events or meeting other users in 3D virtual town.

- Requires pre-installed S! Town S! Application.
- S! Town S! Application cannot be deleted.
- Internet connection is required; may incur high packet communication charges.
- S! Town is not available if Internet access is restricted by subscription.

Note
User-downloaded S! Town data are deleted by All Reset. Download S! Town-compatible applications via Yahoo! Keitai as required.

Starting S! Town

- User agreement and registration are required to use S! Town.

Main Menu ▶ Communication

1 ***S! Town*** →

821P connects to the Network and S! Town starts.

- See S! Town Help for usage information.

Note
- Check registration status or cancel registration via Yahoo! Keitai.
- An upgrade notice may appear when starting S! Town. Follow onscreen instructions to upgrade.

S! Town Library

Save S! Town-compatible applications to S! Town Library.

- S! Town-compatible applications must be downloaded.
- Downloaded S! Town-compatible applications are automatically saved in S! Town Library.

Main Menu ▶ Communication

1 ***S! Town*** → **[Library]**

- S! Town Library opens.

S! Loop (Japanese)

A SoftBank Mobile handset communication service.

Main Menu ▶ Communication

1 ***S! Loop*** →

821P connects to the Network and S! Loop appears.

- See S! Loop Help for usage information.

Near Chat (Japanese)

Exchange text messages with other SoftBank handsets or compatible devices wirelessly via Bluetooth® within ten meters. Transmission/connection fees do not apply.

- Range may vary with ambient signal conditions.
- Parents who use Near Chat parental control feature should restrict access to Handset Code, which can be used to activate All Reset (☞P.10-8) which cancels restrictions.

Note
- When Bluetooth® is active, compatible Bluetooth® device names appear. Unsolicited device connection requests may be received; reject unwanted requests.
- An error message may appear due to ambient conditions, etc. End Near Chat completely, then restart the application.

Starting Near Chat

Main Menu ▶ **Communication**

1 ***Near Chat*** → [CB/AF]

Near Chat starts and confirmation appears.

- If Bluetooth® is ***OFF***, activation confirmation appears.
- See application Help menu for usage information.

2 To end Near Chat, [HLD] → ***Suspend*** or ***Terminate*** → [CB/AF]

- To resume: Start Near Chat → ***Resume*** → [CB/AF]

Note
- Near Chat can be activated from S! Appli.
- Activate Near Chat to receive requests from others.
- If Bluetooth® is activated before Near Chat, Visibility is set to ***Always On***. After terminating Near Chat, Bluetooth® remains active, but Visibility returns to that set before Near Chat was launched.

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Settings Sound & Vibration

Ringtones

From ▶ Main Menu ▶ Settings ▶ Sound Settings

Settings	Operation	Default
Change ringtone (Voice Call or Video Call)*1 *2 *3	***Assign Ringtone*** → ● → ***Voice Call*** or ***Video Call*** → ● → Select a folder in Data Folder → ● → Select a tone → ✉[Set]	**ブザー.mmf**
Change ringtone (Message or S! Quick News)*1 *2	***Assign Ringtone*** → ● → ***Message*** or ***S! Quick News*** → ● → Select a folder in Data Folder → ● → Select a tone → ✉[Set]	**効果音（キラキラ）.mmf**
Change ringer volume (Voice Call, Video Call or Message)*4	***Ringer Volume*** → ● → ***Voice Call, Video Call*** or ***Message*** → ● → Adjust volume → ●	**Volume 3**
Change ringer volume (S! Quick News)	***Ringer Volume*** → ● → ***S! Quick News*** → ● → Adjust volume → ●	**Silent**
Change ringtone duration (Message or S! Quick News)	***Ringtone Duration*** → ● → ***Message*** or ***S! Quick News*** → ● → Enter ring time → ●	**5 seconds**
Set vibration alert (Voice Call, Video Call, Message or S! Quick News)*5	***Vibration Alert*** → ● → ***Voice Call, Video Call, Message*** or ***S! Quick News*** → ● → Select a vibration pattern → ●	**OFF**

*1 Some music files cannot be set as Ringtone. (Copy protected files: ☞P.8-4)
*2 When unique tones for each Phone Book entry or Group are set (☞P.4-4, P.4-7), Phone Book settings take priority.
*3 If a Voice Call is received while streaming/downloading, default ringtone may sound.
*4 Voice Call Ringer Volume applies to sounds generated while viewing web pages. When ***Escalating Tone*** is selected, Volume is set to ***Volume 6***.
*5 Avoid placing 821P on unstable surface when Vibration Alert is active/while charging battery; cancel Vibration Alert before charging battery.

Warning Tone & Key Tone

From ▶ Main Menu ▶ Settings ▶ Sound Settings

Settings	Operation	Default
Set warning tone not to sound	*Warning Tone* → ● → *OFF* → ●	**ON** (sound)
Change key tone	*Key Tone* → ● → *Select Tone Type* → ● → Select a tone → ●	**Tone 1**
Change key tone volume	*Key Tone* → ● → *Tone Volume* → ● → Adjust volume → ●	**Volume 1**

Settings Display

Main Display

From ▶ Main Menu ▶ Settings ▶ Display Settings

Settings	Operation	Default
Change wallpaper*	*Main Display* → ● → Select a folder in Data Folder → ● → Select an image → ✉ **[Set]**	**black-jewel.jpg**
Change backlight time	*Backlight Time* → ● → Select a time → ●	**15 seconds**
Change Display color scheme	*Themes* → ● → Select a color → ●	**Black**
Change Display brightness	*Brightness* → ● → Select a level → ●	**Level 3**

* Some images may not be set or appear properly. (Copy protected files: ☞P.8-4)

Display

From ▶ Main Menu ▶ **Settings**

Settings	Operation	Default
Set menu language	***Phone Settings*** → → ***言語選択*** (Language) → → ***English*** or ***日本語*** →	**Automatic***
Change clock or calendar in Standby	***Display Settings*** → → ***Standby Display*** → → ***Clock/ Calendar Display*** → → Select a clock or calendar type →	**Large Clock (Upper Center)**
Show operator name in Standby	***Display Settings*** → → ***Standby Display*** → → ***Operator Name*** → → ***ON*** →	**OFF** (hide)
Show/hide Standby Window manually	***Display Settings*** → → ***Standby Display*** → → ***Standby Window*** → → ***ON (Manually)*** or ***OFF*** →	**ON (Always)**
Hide read S! Quick News from Standby Window	***Display Settings*** → → ***S! Quick News Settings*** → → ***Unread/Read Setting*** → → ***Unread*** →	**Unread + Read**
Change marquee speed	***Display Settings*** → → ***S! Quick News Settings*** → → ***Marquee Speed*** → → ***Fast*** or ***Slow*** →	**Medium**
Hide image data from Standby	***Display Settings*** → → ***S! Quick News Settings*** → → ***Image Display*** → → ***OFF*** →	**ON** (show)

* ***Automatic*** applies USIM Card.

Main Menu

From ▶ Main Menu ▶ Settings ▶ Display Settings

Settings	Operation	Default
Change Main Menu theme*1	*Change Menu Theme* → → *Original Menu* → → Select a menu → →	-
Change to other handset Main Menu*2	*Change Menu Theme* → → *S! Familiar Usability* → → Select a content → [Set] →	-
Change Main Menu background	*Main Menu Icons* → → *Change Full Image* → → Select a picture → [Set]	-
Change Main Menu icons	*Main Menu Icons* → → *Change Image* → → (Repeat: Select an icon → → Select a picture → [Set])	-
Reset Main Menu image	*Main Menu Icons* → → *Reset Defaults* → →	-

*1 While changing theme, other functions are unavailable. For approximately 30 seconds after process is complete, calls/messages may be blocked.

*2 Download S! Familiar Usability applications beforehand (☞P.1-21).

Settings Date & Time

From ▶ Main Menu ▶ Settings ▶ Phone Settings ▶ Date & Time

Settings	Operation	Default
Change date and time*1	*Home Clock* → → *Date & Time* → → Enter date → → Enter time →	-
Deactivate automatic time correction via Yahoo! Keitai*2	*Time Correction* → → *Automatic Correction* → → *OFF* →	**ON** (correct automatically)
Correct time manually	*Time Correction* → → *Manual Correction* → →	-
Set local time (Home Clock)	*Home Clock* → → *Home Area* → → Select a city →	**Tokyo**
Activate Daylight Savings Time (Home Clock)	*Home Clock* → → *Daylight Savings Time* → → *ON* →	**OFF**
Set time for a second time zone (Away Clock)	*Away Clock* → → *Set Time Zone* → → Select a city →	**Tokyo**
Activate Daylight Savings Time (Away Clock)	*Away Clock* → → *Daylight Savings Time* → → *ON* →	**OFF**
Display Away Clock in Standby	*Select Clock* → → *Away Clock* →	**Home Clock**
Set 12 hour time format	*Display Pattern* → → *Time* → → *12 hour* →	**24 hour**
Change date format	*Display Pattern* → → *Date* → → Select date format →	**YY/MM/DD**

*1 Date & Time Settings effective on 821P: from 00:00 on 2007/01/01 to 23:59 on 2099/12/31
*2 Time Correction may invalidate Schedule/Alarm entries.

Settings Notification Light

From ▶ Main Menu ▶ Settings ▶ Phone Settings ▶ Notification Light

Settings	Operation	Default
Set Notification Light for Voice Calls*	*Voice Call* → → Select color or *OFF* →	**Sky Blue**
Set Notification Light for Video Calls*	*Video Call* → → Select color or *OFF* →	**Sky Blue**
Set Notification Light for incoming messages*	*Message* → → Select color or *OFF* →	**Lime**
Set Notification Light for Voice Calls in progress	*In Conversation* → → Select color or *OFF* →	**Marine Blue**
Set Notification Light for S! Quick News	*S! Quick News* → → Select color or *OFF* →	**Lime**
Set Notification Light for Clamshell Closing	*Clamshell Closing* → → Select color or *OFF* →	**Violet**
Turn off Notification Light for Data Transfer	*Data Transfer* → → *OFF* →	**ON** (Lemon)

* Phone Book entry Notification Light (☞P.4-4, P.4-7) takes priority over this setting.

Settings Keypad

From ▶ Main Menu ▶ Settings ▶ Phone Settings ▶ Key Settings

Settings	Operation	Default
Set Keypad backlight time	*Keypad Backlight* → → Select backlight time or *OFF* →	**15 seconds**

International Calls

From ▶ Main Menu ▶ Settings ▶ Call Settings ▶ Optional Services ▶ International Setting

Settings	Operation	Default
Change International Code*1	***International Code*** → ● → Enter 4-digit Handset Code → ● → Enter International Code → ●	**0046010**
Edit country number list	***Country Number List*** → ● → Select a country → ● → Edit country name → ● → Edit country number → ●	-
Add country number	***Country Number List*** → ● → ✉**[Menu]** → ***Add*** → ● → Enter country name → ● → Enter country number → ●	-
Delete country number	***Country Number List*** → ● → Select a country → ✉**[Menu]** → ***Delete*** → ● → ✉**[YES]**	-
Select operator	***Select Operator*** → ● → ***Select Auto/Manual*** → ● → ***Manual*** → ● → Select an operator → ●	**Automatic**
Set operator priority for automatic search*2	***Select Operator*** → ● → ***Set Priority*** → ● → ✉**[Menu]** → ***Add***, ***Insert***, ***Edit*** or ***Delete*** → ● ● ***Add***: new network appears at the end of the list; place cursor at the end of the list beforehand. ● ***Insert***: new network appears above selected one.	-

*1 In Standby, ↘ → Press and hold 0 (+ appears) to enter International Code automatically. (+ indicates International Code.)
*2 Available operators vary by network conditions.

Call Time & Call Cost

From ▶ Main Menu ▶ Settings ▶ Call Settings ▶ Call Time & Cost

Settings	Operation	Default
View total call charge for outgoing calls	***All Calls*** → (To reset, → → → Enter PIN2 →)	-
View total call time for outgoing calls*1	***Total Call Time*** → (To reset, → →)	-
Display call charge*2	***Display Cost*** → → ***ON*** →	**OFF** (hide)
Set charge limit*3 *4	***Set Cost Limit*** → → **[Menu]** → ***Edit*** → → Enter PIN2 → → Enter charge limit →	-
View remaining cost	***Remaining*** →	-
Enter currency denomination and price per unit of call time	***Currency Setting*** → → → Enter PIN2 → → Enter three letter abbreviation for the designated currency → → Enter value →	-

*1 For Multiparty Call, total length of all calls made from 821P remains.
*2 Call Cost may not appear depending on subscription.
*3 If charge limit is set below the value set in All Calls, outgoing calls are blocked. Reset All Calls or change charge limit to a higher value.
*4 Emergency numbers (110, 119, 118) are available even when the limit is reached.

Making & Receiving Calls

From ▶ Main Menu ▶ Settings ▶ Call Settings

Settings	Operation	Default
Make multiple keys valid to answer calls*1	*Any Key Answer* → → *ON* →	**OFF**
Answer calls by opening handset	*Clamshell Control* → → *Open-to-Answer Call* → → *ON* →	**OFF** (not answer)
End calls by closing handset*2	*Clamshell Control* → → *Close-to-End Call* → → *ON* →	**OFF** (not end)
Open Incoming Call Log for missed calls by opening 821P*3	*Clamshell Control* → → *Open-to-Display Missed Call* → → *ON* →	**OFF** (not display)
Activate Auto Answer when using handsfree devices*4	*Auto Answer* → → *ON* →	**OFF** (not answer automatically)

*1 Valid Keys: , - , , , , , (Any Key Answer cannot be used when a call is on hold.)

*2 Close-to-End Call cannot be activated during a call using Bluetooth® or Earphone. Yahoo! Keitai cannot be canceled by closing 821P even if Close-to-End Call is active.

*3 Available only when the first information received on 821P is Missed Call.

*4 821P beeps and call connects after seven seconds. When Auto Answer and Answer Phone (☞P.2-6) are active, one with shorter Answer Time takes priority. When Auto Answer and Voice Mail, ***Ringer Off*** (☞P.17-4) are both active, Voice Mail takes priority.

Settings Mode Settings

From ▶ Main Menu ▶ Settings ▶ Mode Settings

Settings	Operation	Default
Change handset mode with a distinct combination of alerts, ringtones, etc.*	Select a mode → ● ● When ***Manner***, ***User mode*** or ***Drive*** is set, an indicator appears in Standby. (☞P.1-9)	**Normal**
Personalize individual mode settings	Select a mode → ✉[Menu] → ***Edit*** → ● → Select an item → ● → Edit → ●	-

* Manner mode and Drive mode can be switched activated/deactivated in Standby (☞P.2-14, P.2-15).

Default Settings By Mode

Settings		**Normal** Standard defaults; adjust settings for time/place of usage	**Manner** Mutes 821P tones, activates vibration and Answer Phone	**Drive** Activates Drive Mode Answer Phone and mutes all 821P tones	**User Mode** Customize defaults to suit a particular situation or purpose
Assign Ringtone	**Voice Call/Video Call**	ブザー .mmf	-	-	ブザー .mmf
	Message/S! Quick News	効果音 (キラキラ).mmf	-	-	効果音 (キラキラ).mmf
Ringer Volume	**Voice Call/Video Call/Message**	Volume 3	-	-	Volume 3
	S! Quick News	Silent	-	-	Silent
Ringtone Duration	**Message/S! Quick News**	5 sec	5 sec	5 sec	5 sec
Key Tone	**Tone Type**	Tone 1	-	Tone 1	Tone 1
	Tone Volume	Volume 1	-	Silent	Volume 1
Warning Tone		ON	-	OFF	ON
Vibration Alert	**Voice Call/Video Call/Message**	OFF	Pattern 1	OFF	OFF
	S! Quick News	OFF	OFF	OFF	OFF
Answer Phone		OFF	ON	*	OFF

* Messages appear in Answer Phone Message List, however, Drive Mode Answer Phone is not affected by Answer Phone setting.

Settings Phone Book

From ▶ Main Menu ▶ Phone Book ▶ Settings

Settings	Operation	Default
Change save location for new entry (USIM, Phone or Ask Each Time)	***Save Settings*** → → ***USIM*** or ***Ask Each Time*** →	**Phone**
Select USIM Phone Book to open*	***Change View*** → → ***USIM*** or ***Phone & USIM*** →	**Phone**

* Depending on the Save Settings setting (☞above), selecting ***Phone*** or ***USIM*** may prompt a ***Change save location as well?*** confirmation to appear.

Settings Video Call

From ▶ Main Menu ▶ Settings ▶ Call Settings ▶ Video Call

Settings	Operation	Default
Change outgoing image and sound settings*1	***Video & Voice Setting*** → → ***Alternative Picture, Mute Voice*** or ***Alt. Picture & Mute Voice*** →	**Send Voice & Video**
Change Display backlight brightness during Video Call*1	***Display Backlight*** → → ***Brightness*** → → Select a level →	**Level 3**
Change Display backlight duration during Video Call*1	***Display Backlight*** → → ***Backlight Time*** → → ***Follow General Setting****2 or ***Always OFF*** →	**Always ON**
Change incoming video image quality*1	***Incoming Video Quality*** → → ***Motion Prioritized*** or ***Quality Prioritized*** →	**Standard**
Change Alternative Image to send	***Alternative Picture*** → → Select a file → ✉**[Set]**	**TV コール代替画像 .bmp**
Switch Speaker ON*1	***Louder Speaker*** → → ***OFF*** →	**ON** (speaker on)

*1 To change settings during a call: ☞P.5-5

*2 Select ***Follow General Setting*** (☞P.16-3) to apply Display Backlight setting.

Settings Bluetooth®

From ▶ Main Menu ▶ Connectivity ▶ Bluetooth ▶ Settings

Settings	Operation	Default
Activate Bluetooth®	***ON/OFF*** → ● → ***ON*** → ●	**OFF** (deactivated)
Change device name for handset	***Phone Name*** → ● → Enter name → ●	**821P**
Limit 821P visibility to other Bluetooth® devices	***Visibility*** → ● → ***Activate Temporarily*** or ***Always Off*** → ●	**Always On**
Use handset to operate any call initiated via handset while handsfree device connected*	***Handsfree Setting*** → ● → ***Private Mode*** → ●	**Handsfree Mode**

* Any call initiated via a handsfree device is automatically connected in Handsfree Mode.

Universal Settings

From ▶ Main Menu ▶ Messaging ▶ Settings ▶ Universal Settings

Settings	Operation	Default
Clamshell Control: Open Incoming Mail folder automatically by opening 821P for new messages*1	***Clamshell Control*** → → ***ON*** →	**OFF** (not open)
Change font size*2	***Font Size*** → → ***Large*** or ***Small*** →	**Normal**
Confirm message delivery (Available when messaging to SoftBank handset numbers)	***Delivery Report*** → → ***ON*** →	**OFF** (not confirm)
Set Mail Delivery Rule by sender's address	***Mail Delivery Rule*** → → Select a folder → → **[Menu]** → ***Add Address*** → → Select how to select an address → → Select an address or enter directly →	-
Set Mail Delivery Rule by mail subject	***Mail Delivery Rule*** → → Select a folder → → **[Menu]** → ***Add Subject*** → → Enter a subject →	-
Set not to prioritize words in received message when replying/forwarding	***Learning from Received Message*** → → ***OFF*** →	**ON** (prioritize)
Set to enter Handset Code for opening messaging folders or operating Server Mail	***Mail Security Setting*** → → Enter 4-digit Handset Code → → (Repeat: Select an item →)*3 → **[OK]**	**OFF** (not set)

*1 Available only when the first information received on 821P is Mail.
*2 Font size in text entry window does not change. Open preview window to view created messages in selected font size.
*3 To cancel selection, press again.

S! Mail Settings

From ▶ Main Menu ▶ Messaging ▶ Settings ▶ S! Mail Settings

Settings	Operation	Default
Set not to retrieve complete messages automatically within Japan	*Incoming Options* → → *Home Auto Settings* → → *From Numbers Only* or *Manual Retrieval* →	**Auto Download**
Set to retrieve complete messages automatically while abroad	*Incoming Options* → → *Roaming Auto Settings* → → *Auto Download* →	**Manual Retrieval**
Quote message text when replying	*Quote Message* → → *ON* →	**OFF** (not quote)
Set not to open attached image files automatically	*Attachment Auto-play* → → *Images* → → *OFF* →	**ON** (open)
Play attached music files automatically*	*Attachment Auto-play* → → *Sounds* → → *ON* →	**OFF** (not play back)

* When multiple sound files are attached, the first file plays.

Feeling Mail Settings

From ▶ Main Menu ▶ Messaging ▶ Settings ▶ S! Mail Settings ▶ Feeling Expression

Settings	Operation	Default
Hide Information	***Information Display Settings*** → → ***OFF*** →	**ON** (show)
Deactivate Notification Light	***Notification Light Patterns*** → → ***Settings ON/OFF*** → → ***OFF*** →	**ON** (activate)
Change Notification Light color	***Notification Light Patterns*** → → Select feeling → → Select a color →	-
Deactivate vibration	***Vibration Patterns*** → → ***Settings ON/OFF*** → → ***OFF*** →	**ON** (activate)
Change vibration pattern	***Vibration Patterns*** → → Select feeling → → Select a pattern →	-
Set Message Ringtone to sound	***Message Ringtone*** → → ***Settings ON/OFF*** → → ***ON*** →	**OFF** (not sound)
Change Message Ringtone	***Message Ringtone*** → → Select feeling → → Select a ringtone → **[Set]**	-

Default Settings

Emotion	Notification Light	Vibration	Message Ringtone
Happy	Violet	Pattern 1	Happy ／うれしい .mmf
OK/Good	Lime	Pattern 1	OK ／ Good.mmf
Sad/Sorry	Marine Blue	Pattern 2	悲しい／ごめんなさい .mmf
NG/Bad	Rose	Pattern 2	NG ／ Bad.mmf
Notice/Important	Lemon	Pattern 3	注目／重要 .mmf

● When sender is saved in Phone Book, Phone Book settings take priority in the following case:

- Message Ringtone is set to a ringtone other than ***Follow General Setting*** (☞P.4-4)
- Notification Light is set to a color other than ***Follow General Setting*** (☞P.4-4)

3D Pictograms

From ▶ Main Menu ▶ Messaging ▶ Settings ▶ 3D Pictograms

Settings	Operation	Default
Enable 3D Pictograms when opening messages	***3D Picto Auto Play*** → [key] → ***Always Display*** or ***Display only Unread*** → [key]	**OFF**
Change font or background color	***Color Settings*** → [key] → Select color → [key]	**White**

SMS Settings

From ▶ Main Menu ▶ Messaging ▶ Settings ▶ SMS Settings

Settings	Operation	Default
Set not to store sent SMS	***Save Sent SMS*** → [key] → ***OFF*** → [key]	**ON** (store)
Set a time limit to store all sent SMS at the Center*1	***Expiry*** → [key] → ***Maximum*** (depending on Server setting) or select a limit → [key]	Depends on USIM Card settings
Change SMS Center number*2	***Message Center*** → [key] → Enter SMS Center number → [key]	**+819066519300**
Set input character type to English	***Input Character Settings*** → [key] → ***English (160characters)*** → [key]	**Japanese (70characters)**

*1 When recipient handset is off or out-of-range, SMS are stored at the Center, and delivered when recipient handset detects signal.
*2 Changing Message Center number may disable SMS.

Browser Display Settings

Yahoo! Keitai From ▶ Main Menu ▶ Yahoo! Keitai ▶ Settings

PC Site Browser From ▶ Main Menu ▶ Yahoo! Keitai ▶ PC Site Browser ▶ PC Site Browser Settings

Settings	Operation	Default
Change character size	***Font Size*** → → ***Large*** or ***Small*** →	**Normal**
Select scroll unit	***Scroll Unit*** → → ***Whole Screen*** or ***Half Screen*** →	**Single Line**
Set not to show images	***Downloads*** → → ***Images*** → → ***OFF*** →	**ON** (show)
Set not to retrieve sounds	***Downloads*** → → ***Music*** → → ***OFF*** →	**ON** (retrieve)
Set not to show warning messages when activating PC Site Browser or switching to Yahoo! Keitai*	***Warning Messages*** → → ***PC Site Browser*** (when activating) or ***Yahoo! Keitai*** (when switching) → → ***OFF*** →	**ON** (show)

* PC Site Browser only

Memory Manager & Reset

Yahoo! Keitai From ▶ Main Menu ▶ Yahoo! Keitai ▶ Settings

PC Site Browser From ▶ Main Menu ▶ Yahoo! Keitai ▶ PC Site Browser ▶ PC Site Browser Settings

Settings	Operation	Default
Delete information held in Cache Memory	***Memory Manager*** → [key] → ***Clear Cache*** → [key] → [key]	-
Delete Cookies sent by a server for used ID	***Memory Manager*** → [key] → ***Delete Cookies*** → [key] → [key]	-
Delete user ID or password entered when authentication is required	***Memory Manager*** → [key] → ***Delete Certificates*** → [key] → [key]	-
Delete input memory such as entered text	***Memory Manager*** → [key] → ***Delete Input Memory*** → [key] → [key]	-
Initialize Browser	***Initialized Browser*** → [key] → [mail key]**[YES]** → Enter 4-digit Handset Code → [key]	-
Reset Browser settings	***Reset Defaults*** → [key] → [mail key]**[YES]** → Enter 4-digit Handset Code → [key]	-

Security Settings

Yahoo! Keitai From ▶ Main Menu ▶ Yahoo! Keitai ▶ Settings ▶ Security

PC Site Browser From ▶ Main Menu ▶ Yahoo! Keitai ▶ PC Site Browser ▶ PC Site Browser Settings ▶ Security

Settings	Operation	Default
Send handset Manufacture Number automatically for authentication	***Manufacture Number*** → → ***ON*** →	**OFF** (not send)
Set not to send referer information	***Send Referer*** → → ***OFF*** →	**ON** (send)
Select whether or not to allow Cookies to be stored on 821P	***Cookies*** → → ***OFF*** or ***Ask Every Time*** →	**ON** (store)
Select whether or not to run scripts in Yahoo! Keitai*1	***Script*** → → ***ON***, ***OFF*** or ***Ask Every Time*** →	**Ask before Connect**
Select whether or not to run scripts in PC Site Browser*2	***Script*** → → ***Ask before Connect***, ***OFF*** or ***Ask Every Time*** →	**ON** (run)
View electronic certificates issued by Certificate Authorities saved on 821P	***Root Certificates*** → → Select an item →	-
Select whether or not to retain authentication information	***Certificate Retention*** → → ***Always Keep*** or ***Not keep*** →	**Keep while Browsing**

*1 Yahoo! Keitai Browser only
*2 PC Site Browser only

S! Quick News

From ▶ Main Menu ▶ Yahoo! Keitai ▶ S! Quick News ▶ Settings

Settings	Operation	Default
Automatically update S! Quick News List*1 *2	*Auto Refresh* → → *S! Quick News* → → *News Flash* → → → Set update frequency →	**OFF** (not automatically update)
Automatically update General News (once a day)*1 *2	*Auto Refresh* → → *S! Quick News* → → *General* → → → *ON* →	**OFF** (not automatically update)
Automatically update S! Loop contents (four times a day)*1 *2	*Auto Refresh* → → *S! Loop* → → → *ON* →	**OFF** (not automatically update)
Show only unread items in Standby	*Standby Window Display* → → *Unread/Read Setting* → → *Unread* →	**Unread + Read**
Change marquee speed	*Standby Window Display* → → *Marquee Speed* → → *Fast* or *Slow* →	**Medium**
Block image data	*Standby Window Display* → → *Image display* → → *OFF* →	**ON** (show)

*1 If Auto Refresh time occurs during a call, Auto Refresh is canceled.
*2 Video Calls are rejected during Auto Refresh.

Settings S! Appli

From ▶ Main Menu ▶ **S! Appli** ▶ **S! Appli Settings**

Settings	Operation	Default
Change S! Application volume	***Volume*** → → Adjust volume →	**Volume 4**
Keep Backlight on/off while S! Application runs	***Display Backlight*** → → ***Always ON*** or ***Always OFF*** →	**Follow General Setting***
Deactivate Vibration for S! Application	***Vibration*** → → ***OFF*** →	**ON** (activate)
Suspend S! Application after set period of inactivity	***Auto Suspend Timer*** → → Select duration →	**Not Suspended**
Synchronize Memory Card used in another handset, etc. to update S! Appli Library	***Synchronize Memory Card*** →	-

* Display Backlight Time setting (☞P.16-3) applies

Appendix

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Optional Services

Overview

- For details, contact SoftBank Customer Center, General Information (☞P.17-40).

Call Forwarding (☞Right)	Forward unanswerable calls to a preset number when 821P is off, out-of-range, etc.
Voice Mail (☞P.17-4)	Unanswered calls are forwarded to Voice Mail Center as set or when 821P is off, out-of-range, engaged, etc. ● Missed Call Notification Information window appears for calls missed while 821P was off, out-of-range, engaged, etc.
Call Waiting*	Place the current call on hold and answer a second, or alternate between calls.
Multiparty Call*	Call another party during a call and alternate between calls. Add other parties to talk on up to five lines simultaneously.
Call Barring (☞P.17-6)	Restrict calls by condition.
Caller ID (☞P.17-7)	Show or hide your number when calling.

* Separate subscription required

Call Forwarding

- Voice Mail and Call Forwarding cannot be set simultaneously.
- When forwarding Video Calls, set a destination phone that supports 3G-324M standard video calls. If not, Video Calls are not forwarded.

Activating Call Forwarding

- ↱ appears in Standby when Call Forwarding is active.

Main Menu ▶ **Settings** ▶ **Call Settings** ▶ **Optional Services** ▶ **Voice Mail/Call Forwarding** ▶ **Call Forwarding ON** ▶ **All Calls**, **Voice Calls** or **Video Calls**

1 Forward All Calls without Ringing/Vibrating

Ringer Off → [●]

Forward Missed Calls

Ringer On → [●]

2 Select From Phone Book

Phone Book → [●] → Select an entry → [●] → Select a number → [●]

Direct Entry

Direct Entry → [●] → Enter a number → [●]

3 If ***Ringer On*** is selected in step 1, select ring time →

Call Forwarding status appears.

> **Note** When ***Ringer On*** is set, press to answer calls while 821P is ringing/vibrating. To forward calls immediately while 821P is ringing/vibrating, press **[Forward]**.

Canceling Call Forwarding

Main Menu ▶ **Settings** ▶ **Call Settings** ▶ **Optional Services** ▶ **Voice Mail/Call Forwarding** ▶ **Cancel All**

1

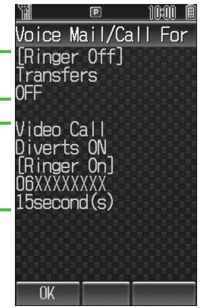
Checking Current Status

Main Menu ▶ **Settings** ▶ **Call Settings** ▶ **Optional Services** ▶ **Voice Mail/Call Forwarding** ▶ **Confirm Status**

Example:
Video Calls, ***Ringer On***

Voice Calls will not be forwarded under any conditions.

Unanswered Video Calls are forwarded to 06xxxxxxxx



> **Note**
> - Toll-free numbers, Public Service numbers, International numbers, etc. cannot be saved.
> - When using Call Forwarding together with Answer Phone (☞P.2-6), the function with shorter ring time has response priority. (Priority may change due to signal conditions.)

Voice Mail

- Calls are forwarded to Voice Mail Center via Call Forwarding function; Voice Mail and Call Forwarding cannot be set simultaneously.
- Voice Mail is not available for Video Calls.

Activating Voice Mail

- appears in Standby when Voice Mail is active.

Main Menu ▶ Settings ▶ Call Settings ▶ Optional Services ▶ Voice Mail/Call Forwarding ▶ Voice Mail On

1 **Forward All Calls without Ringing/Vibrating**

Ringer Off →

Forward Missed Calls

Ringer On → → Select ring time →

Call Forwarding status appears.

Note

- When using Voice Mail together with Answer Phone (☞P.2-6), the function with shorter ringing time takes priority. (Priority may change due to signal conditions.)
- When *Ringer On* is set, press to answer calls while 821P is ringing/vibrating. To forward calls immediately while 821P is ringing/vibrating, press **[Forward]**.

Canceling Voice Mail

Main Menu ▶ Settings ▶ Call Settings ▶ Optional Services ▶ Voice Mail/Call Forwarding ▶ Cancel All

1

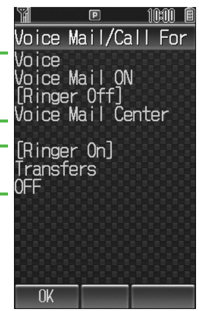
Checking Current Status

Main Menu ▶ Settings ▶ Call Settings ▶ Optional Services ▶ Voice Mail/Call Forwarding ▶ Confirm Status

Example:
Voice Mail On, Ringer Off

All Voice Calls are forwarded to Voice Mail Service Center directly

821P does not ring/vibrate for 15 seconds before forwarding calls

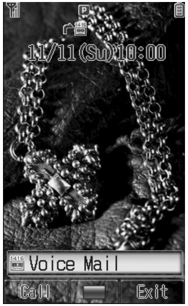


Appendix
17

Checking Voice Mail Messages

Information window and [icon] appear in Standby when new messages are recorded.

- Information window: ☞P.1-16



1 In Information window, ***Voice Mail*** → [icon]

- Follow voice guidance.

Information window and [icon] disappear after messages are checked. When [icon] remains, there are unchecked messages at the Center.

Viewing Details

View callers' phone numbers and date/time Voice Mail messages were left before playing messages. [icon] to open Incoming Call Log → Select a Voice Mail notification → [icon] → View details → [✉][Menu] → ***Listen to Voice Mail*** → [icon]

Note: Alternatively, follow these steps to check Voice Mail:
Main Menu ▶ **Settings** ▶ **Call Settings** ▶ **Optional Services** ▶ **Voice Mail/Call Forwarding** ▶ **Listen to Voice Mail**

Missed Call Notification

When Missed Call Notification function is active, Information window appears for calls missed while 821P was off, out-of-range, engaged etc.

- Available only when Voice Mail is active.

Main Menu ▶ **Settings** ▶ **Call Settings** ▶ **Optional Services** ▶ **Missed Call Notification**

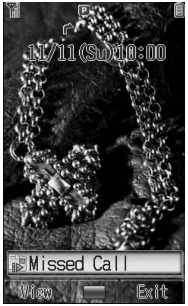
1 [icon]

821P connects to the Network.

When Calls are received while Missed Call Notification is active…

Information window appears for missed calls when 821P is turned on or comes into range. Press [icon] to view Incoming Call Log.

- ***Voice Mail*** appears in Information window when Voice Mail messages were recorded (☞Left).



Appendix 17

Call Barring

Restrict incoming/outgoing Voice Calls, Video Calls or SMS messages.

- When Call Forwarding or Voice Mail is active, ***Bar All Outgoing Calls*** or ***Bar All Incoming Calls*** is not available. (Call Forwarding or Voice Mail takes priority.)

Outgoing Calls	**Bar All Outgoing Calls**	Restrict all non-emergency calls
	Bar All International Calls	Allow only domestic calls
	Bar International Calls	Restrict all international calls except to Japan
Incoming Calls	**Bar All Incoming Calls**	Reject all calls
	Bar All If Roamed	Reject calls when outside Japan

- Call Barring Password specified at initial subscription (☞P.1-24) is required to change Call Barring settings.

Note
- Emergency numbers (110, 119, 118) are available when Call Barring for outgoing calls is active.
- If call is attempted when Call Barring is active, warning message appears. It may take longer to appear in some areas. Check Call Barring settings if the message does not appear.

Tip
- Rejecting Specific Calls (☞P.10-5) ●Rejecting Specific Numbers (☞P.10-6)

Restricting Outgoing Calls

Set or cancel restriction of outgoing calls. Check Call Barring status for outgoing calls.

Main Menu ▶ **Settings** ▶ **Call Settings** ▶ **Optional Services** ▶ **Call Barring** ▶ **Outgoing Calls** ▶ **Bar All Outgoing Calls**, **Bar All International Calls** or **Bar International Calls**

1 [Menu] → ***ON***, ***OFF*** or ***Status*** →

When ***Status*** is set, current status appears.
When ***ON*** or ***OFF*** is set, go to Step 2.

2 Enter 4-digit Call Barring Password →

Current status appears.

Appendix

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Restricting Incoming Calls

Set or cancel incoming call restriction; confirm status.

Main Menu ▶ Settings ▶ Call Settings ▶ Optional Services ▶ Call Barring ▶ Incoming Calls ▶ Bar All Incoming Calls or Bar All If Roamed

1. [Menu] → ***ON***, ***OFF*** or ***Status*** →
   When ***Status*** is set, current status appears.
   When ***ON*** or ***OFF*** is set, go to Step 2.
2. Enter 4-digit Call Barring Password →
   Current status appears.

Canceling All Call Barring

Main Menu ▶ Settings ▶ Call Settings ▶ Optional Services ▶ Call Barring ▶ Cancel All Barring

1. Enter 4-digit Call Barring Password →

Checking Call Barring Status

Main Menu ▶ Settings ▶ Call Settings ▶ Optional Services ▶ Call Barring ▶ Confirm Status

1. ***Bar All Outgoing Calls***, ***Bar All International Calls***, ***Bar International Calls***, ***Bar All Incoming Calls*** or ***Bar All If Roamed*** →

Changing Call Barring Password

Main Menu ▶ Settings ▶ Call Settings ▶ Optional Services ▶ Call Barring ▶ Call Barring Password

1. Enter current 4-digit Call Barring Password →
2. Enter new 4-digit Call Barring Password →
3. Reenter new Call Barring Password →

Caller ID

<Default> Network Set

- ***Network Set*** Caller ID setting varies by subscription.

Main Menu ▶ Settings ▶ Call Settings ▶ Show My Number

1. Select ***ON***, ***OFF*** or ***Network Set*** →

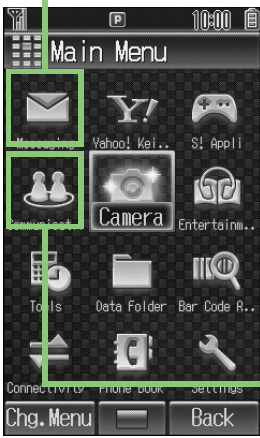
Note: Alternatively, enter these numbers/Symbols before the phone number to show or hide Caller ID for the call:

Show	1 8 6 or * 3 1 #
Hide	1 8 4 or # 3 1 #

Function List

Press the key of a function number to select the function directly.

Example: To select ***Create New S! Mail*** in Messaging menu: 1 (Messaging) → 2 (Create New S! Mail)



1 Messaging

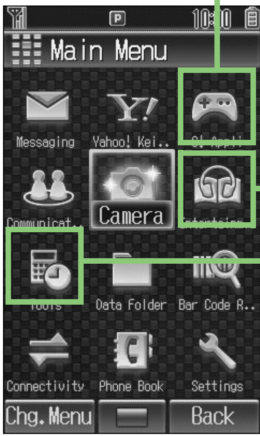
No.	Function	Reference	No.	Function	Reference
1	Incoming Mail	☞P.12-9			
2	Create New S! Mail	☞P.12-4			
3	Retrieve New	☞P.12-17			
4	Drafts	☞P.12-16, P.12-18			
5	Templates	☞P.12-6			
6	Sent Messages	☞P.12-14			
7	Unsent Messages	☞P.12-14			
8	Server Mail Box	▶	1	Mail List	☞P.12-12
		▶	2	Delete Server Mail All*1	
9	Create New SMS	☞P.12-8			
0	Settings	▶	1	Custom Mail Address	☞P.12-4
		▶	2	Universal Settings	☞P.16-14
		▶	3	S! Mail Settings	☞P.16-15
		▶	4	3D Pictograms	☞P.16-17
		▶	5	SMS Settings	☞P.16-17
⁎	Memory Status	▶	1	S! Mail*1	
		▶	2	SMS*1	

4 Communication

No.	Function	Reference
1	S! Town	☞P.15-2
2	S! Loop	☞P.15-3
3	Near Chat	☞P.15-4



- 2 Yahoo! Keitai
  - 1 Yahoo! Keitai ☞P.13-3
  - 2 Bookmarks ☞P.13-9
  - 3 Saved Pages ☞P.13-9
  - 4 Enter URL
    - ▶ 1 Direct Entry ☞P.13-4
    - ▶ 2 URL History List ☞P.13-4
  - 5 History ☞P.13-4
  - 6 S! Quick News
    - ▶ 1 S! Quick News List ☞P.13-16
    - ▶ 2 S! Loop List ☞P.13-16
    - ▶ 3 Settings ☞P.16-21
  - 7 PC Site Browser
    - ▶ 1 Homepage ☞P.13-5
    - ▶ 2 Bookmarks ☞P.13-9
    - ▶ 3 Saved Pages ☞P.13-9
    - ▶ 4 Enter URL ☞P.13-5
    - ▶ 5 History ☞P.13-6
    - ▶ 6 Yahoo! Keitai ☞P.13-3
    - ▶ 7 PC Site Browser Settings ☞P.16-18 - P.16-20
  - 8 Settings
    - ▶ 1 Font Size ☞P.16-18
    - ▶ 2 Scroll Unit ☞P.16-18
    - ▶ 3 Downloads ☞P.16-18
    - ▶ 4 Memory Manager ☞P.16-19
    - ▶ 5 Security ☞P.16-20
    - ▶ 6 Initialized Browser ☞P.16-19
    - ▶ 7 Reset Defaults ☞P.16-19
- 5 Camera
  - 1 Camera ☞P.6-4
  - 2 Video Camera ☞P.6-5



3 S! Appli

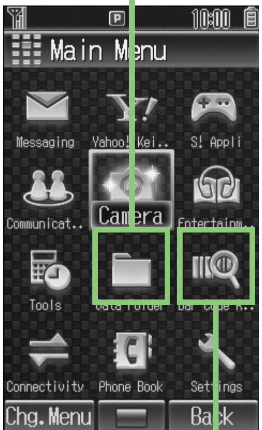
1	S! Appli Library	Tab 1	Phone	☞P.14-3
		Tab 2	Memory Card	☞P.14-3
2	S! Appli Settings	▶ 1	Volume	☞P.16-22
		▶ 2	Display Backlight	☞P.16-22
		▶ 3	Vibration	☞P.16-22
		▶ 4	Auto Suspend Timer	☞P.16-22
		▶ 5	Synchronize Memory Card	☞P.16-22
3	Information	☞P.14-2		

6 Entertainment

1	Media Player	▶ 1	Audio	☞P.7-4
		▶ 2	Video	☞P.7-6
2	BookSurfing	☞P.7-10		
3	e-Book Viewer	☞P.7-10		

7 Tools

1	Alarms	☞P.11-6		
2	Calendar	☞P.11-2		
3	Answer Phone	▶ 1	Message List	☞P.2-7
		▶ 2	Settings	☞P.2-6
4	Calculator	☞P.11-9		
5	Memo Pad	☞P.11-9		
6	Voice Recorder	☞P.11-10		
7	Software Update	▶ 1	Start Update	☞P.17-18
		▶ 2	Information	☞P.17-19



8 Data Folder

1	Pictures	Tab 1	Phone*2	☞P.8-2
		Tab 2	Memory Card*2	☞P.8-2
		Tab 3	DigitalCamera*2	☞P.8-2
2	Ring Songs&Tones	Tab 1	Phone	☞P.8-2
		Tab 2	Memory Card	☞P.8-2
3	S! Appli	Tab 1	Phone	☞P.8-2
		Tab 2	Memory Card	☞P.8-2
4	Music	Tab 1	Phone	☞P.8-2
		Tab 2	Memory Card	☞P.8-2
5	Videos	Tab 1	Phone*2	☞P.8-2
		Tab 2	Memory Card*2	☞P.8-2
		Tab 3	Video Camera*2	☞P.8-2
6	Books	Tab 1	Phone	☞P.8-3
		Tab 2	Memory Card	☞P.8-3
7	S! Familiar Usability	Tab 1	Phone	☞P.8-3
		Tab 2	Memory Card	☞P.8-3
8	Templates	☞P.8-3, P.12-6		
9	Memo Pad	☞P.8-3, P.11-9		
0	Flash(R)	Tab 1	Phone	☞P.8-3
		Tab 2	Memory Card	☞P.8-3
⁎	Other Documents	Tab 1	Phone	☞P.8-3
		Tab 2	Memory Card	☞P.8-3
#	Memory Status	▶ 1	Phone*1	
		▶ 2	Memory Card*1	

9 Bar Code Reader

1	Scan Barcodes	☞P.11-11
2	Saved Data List	☞P.11-13

Appendix 17

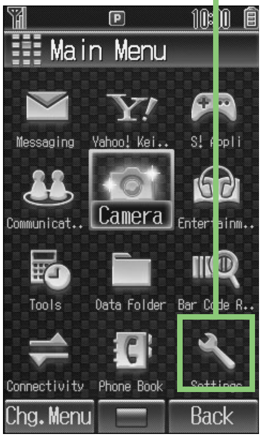


Connectivity

1	Infrared	☞P.9-2		
2	Bluetooth	▶ 1	Paired Devices	☞P.9-8
		▶ 2	Add New Device	☞P.9-7
		▶ 3	Settings	☞P.16-13
		▶ 4	Details	☞P.9-5
3	Retrieve NW Info	☞P.1-16		

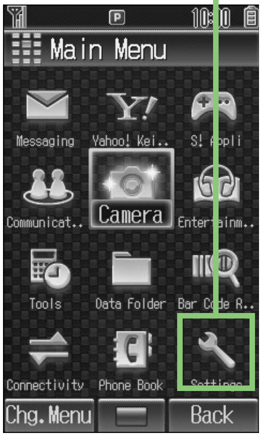
Phone Book

1	Phone Book	☞P.4-8		
2	Create New Entry	☞P.4-4		
3	Call Log	Tab 1	All Calls	☞P.2-9
		Tab 2	Incoming	☞P.2-9
		Tab 3	Outgoing	☞P.2-9
4	Group	☞P.4-7		
5	Account Details	☞P.4-13		
6	Speed Dial*1			
7	S! Addressbook Back-up	▶ 1	Start Sync	☞P.4-11
		▶ 2	Auto Sync Settings	☞P.4-12
		▶ 3	Sync Log	☞P.4-12
8	Settings	▶ 1	Save Settings	☞P.16-12
		▶ 2	Change View	☞P.16-12
		▶ 3	Search Method	☞P.4-8
9	Memory Manager	▶ 1	Memory Status	☞P.4-14
		▶ 2	Copy All from USIM*1	
		▶ 3	Copy All to USIM*1	
		▶ 4	Delete All (Phone)	☞P.4-6
		▶ 5	Delete All (USIM)	☞P.4-6
		▶ 6	Send All Phone Book via Infrared	☞P.9-4



Settings

1 Sound Settings	1	Assign Ringtone	☞P.16-2
	2	Ringer Volume	☞P.16-2
	3	Ringtone Duration	☞P.16-2
	4	Warning Tone	☞P.16-3
	5	Vibration Alert	☞P.16-2
	6	Key Tone	☞P.16-3
2 Display Settings	1	Main Display	☞P.16-3
	2	Change Menu Theme	☞P.16-5
	3	Backlight Time	☞P.16-3
	4	Main Menu Icons	☞P.16-5
	5	Themes	☞P.16-3
	6	Brightness	☞P.16-3
	7	Standby Display	☞P.16-4
	8	S! Quick News Settings	☞P.16-4
3 Phone Settings	1	言語選択	☞P.16-4
	2	Date & Time	☞P.16-6
	3	User's Dictionary	☞P.3-9
	4	Notification Light	☞P.16-7
	5	Keyguard	☞P.10-4
	6	Key Settings	☞P.16-7
	7	Change Simple Mode	☞P.1-22



Settings (continued)

4	Security	1	Password Lock	☞P.10-4
		2	Phone Book Lock*1	
		3	Messaging Lock*1	
		4	Secret Mode	☞P.10-7
		5	Reset	☞P.10-7
		6	PIN1 ON/OFF	☞P.10-2
		7	Change PIN1	☞P.10-3
		8	Change PIN2	☞P.10-3
		9	Change Password	☞P.10-2
5	Call Settings	1	Optional Services	☞P.2-12, P.17-2
		2	Call Time & Cost	☞P.16-9
		3	Video Call	☞P.16-12
		4	Reject Incoming Calls	☞P.10-5
		5	Offline	☞P.2-14
		6	Show My Number	☞P.17-7
		7	Any Key Answer	☞P.16-10
		8	Clamshell Control	☞P.16-10
		9	Auto Answer	☞P.16-10
6	Mode Settings ☞P.16-11			
7	Location Settings	1	Positioning Lock*1	
		2	Location Property*1	
8	Memory Card Manager	1	Format Memory Card	☞P.8-16
		2	Check Memory Card*1	
		3	Memory Card Backup	☞P.8-19

*1 Tsukaikonashi Dokuhon (Japanese only)

*2 Thumbnail view by default.

Troubleshooting

Problem	Causes and Remedies
821P does not turn on	• Was pressed for more than three seconds? • Is battery level sufficient? • Is battery inserted properly? (☞P.1-13)
Handset functions do not work after turning power on	• Does PIN Entry window appear? PIN Entry is ***ON***. Enter PIN1 (☞P.10-2).
Insert USIM or ***Invalid USIM*** appears when 821P is turned on or operations attempted	• Is USIM Card inserted correctly? (☞P.1-3) • Unusable USIM Card may be inserted (☞P.1-2). • USIM Card IC chip may be dirty. Wipe with a clean cloth, then insert USIM Card correctly.
Keypad does not respond	• Does appear in Standby? Keyguard is locked (☞P.10-4). Press to unlock it. • Does appear in Standby? Password Lock is active (☞P.10-4). Enter 4-digit Handset Code (☞P.1-24) to release it.
Calls or Video Calls cannot be connected or message and Internet connections are not available	• Does OUT appear? Is 821P out-of-range or in a location where signal is weak? Move to a location where signal is strong. • Are you using handset overseas? You must select an operator and set international settings to use handset abroad (☞P.2-12). • Does appear? (☞P.2-14) • Does (appears in red) appear? (☞P.1-8) • Does or appear? Messaging Lock is active. Deactivate Messaging Lock.
Calls or Video Calls cannot be connected	• Is area code entered? • Is restricting outgoing calls in Call Barring? (☞P.17-6)

Problem	Causes and Remedies
Calls cannot be connected or busy signal sounds after dialing	• Did you enter area code?
Calls cannot be made via a Phone Book entry	• Entry may be saved as Secret. Set Secret Mode ***ON*** (☞P.10-7). • Does or appear? Phone Book Lock is active. Deactivate Phone Book Lock.
Entry names do not appear in Call Log or message lists even if saved in Phone Book	• This may occur just after turning 821P on. Return to Standby and retry later.
Handset does not respond as customized for incoming calls from numbers saved in Phone Book	• This may occur just after turning 821P on.
Call is interrupted or disconnected	• Does OUT appear? Is 821P out-of-range or in a location where signal is weak? Move to a location where signal is strong.
Cannot charge battery	• Is AC Charger (not included) firmly connected to 821P or Desktop Holder (not included)? (☞P.1-14) • Is AC Charger securely plugged into an outlet? • Is battery installed in 821P correctly? (☞P.1-13) • Is 821P correctly mounted in Desktop Holder? • Make sure 821P, battery, Desktop Holder and AC Charger terminals are clean. • Battery may not charge beyond +5°C and +35°C. • Battery may need to be replaced.
821P/accessories feel warm	• AC Charger/Desktop Holder may warm during charging. 821P may warm during long use. This is normal if you can hold it comfortably. Low temperature burns may occur if 821P is held against skin for long periods.
Battery Operating Time is greatly reduced	• Battery Operating Time may be reduced by environmental factors such as temperature, charging conditions or signal strength, as well as by operations or settings. See "Charging Time & Operating Time Estimates" (☞P.1-11) and "Battery Time" (☞P.1-12).

Note If you did not find the remedy to your problem here, please contact SoftBank Customer Center (☞P.17-40).

Warning Signs

Problem	Causes and Remedies
OUT appears	Handset is out-of-range. Move to a location where signal is strong.
🔒 appears	Keyguard is locked (☞P.10-4). Unlock Keyguard to use keys. Answer calls even if Keyguard is locked.
📱🔒 appears	Password Lock is active (☞P.10-4). Enter Password/cancel Password Lock to use handset. Answer calls even if Password Lock is active.
Low battery message appears and battery alarm tone sounds	Battery is low (☞P.1-8). Charge or replace battery.

Software Update

Check for 821P software updates and download as required. Choose to begin update or schedule update.

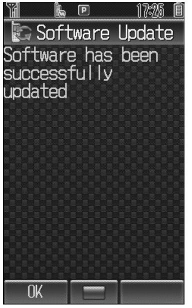
- Connection fees do not apply to updates (including checking for updates, downloading and rewriting).
- Fully charge battery beforehand. Even if appears, low battery message may appear. In this case, charge battery until Charging Indicator goes out.
- Select a place where signal is strong and stable.
- Do not remove battery during the update. Update will fail.
- Other functions are not available during Software Update.
- The update may take some time.

Main Menu ▶ Tools ▶ Software Update ▶ Start Update

1 Follow onscreen instructions

After download is complete, 821P automatically turns off and restarts before Software Update begins. (This process takes approximately 20 seconds.)

After Software Update is complete, 821P automatically turns off and restarts before information appears for successful update. (This process takes approximately 30 seconds.)



When Already Updated

No update required confirmation appears. Press **[OK]** and proceed with use of 821P.



Update Results

In Information window, ***Update Results*** → [key icon]

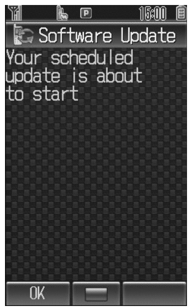
- In Standby, **Main Menu** ▶ **Tools** ▶ **Software Update** ▶ **Information**



Scheduled Update

Follow onscreen instructions for setup. Confirmation appears at scheduled update time. Press [key icon] or wait ten seconds for update to start.

- Software Update will not start while 821P is in use. Continuing handset usage for ten minutes or more cancels Scheduled Update.



Note

- Software Update failure may disable 821P. Contact SoftBank Customer Center, Customer Assistance (☞P.17-40).
- Software Update does not affect Phone Book entries, files saved in Data Folder or other content, but it is recommended that you create a backup, as appropriate, of any important information and data (note that some files cannot be copied).
- SoftBank is not liable for damages resulting from loss of data, information, etc.
- Update may temporarily unlock Keyguard.
- Alarm tone does not sound during update.
- For more information, visit SOFTBANK MOBILE Corp. Website (http://www.softbank.jp).

Character Code List

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
010		(Space)	、	。	，	．	・	：	；	？
011	！	゛	゜	´	｀	¨	＾	￣	＿	ヽ
012	ヾ	ゝ	ゞ	〃	仝	々	〆	〇	ー	―
013	‐	／	＼	～	‖	｜	…	‥	‘	’
014	“	”	（	）	〔	〕	［	］	｛	｝
015	〈	〉	《	》	「	」	『	』	【	】
016	＋	－	±	×	÷	＝	≠	＜	＞	≦
017	≧	∞	∴	♂	♀	°	′	″	℃	￥
018	＄	￠	￡	％	＃	＆	＊	＠	§	☆
019	★	○	●	◎	◇					
020		◆	□	■	△	▲	▽	▼	※	〒
021	→	←	↑	↓	〓					
022							∈	∋	⊆	⊇
023	⊂	⊃	∪	∩						
024			∧	∨	¬	⇒	⇔	∀	∃	
026	∠	⊥	⌒	∂	∇	≡	≒	≪	≫	√
027	∽	∝	∵	∫	∬					
028			Å	‰	♯	♭	♪	†	‡	¶
029					◯					
031							０	１	２	３
032	４	５	６	７	８	９				
033				Ａ	Ｂ	Ｃ	Ｄ	Ｅ	Ｆ	Ｇ
034	Ｈ	Ｉ	Ｊ	Ｋ	Ｌ	Ｍ	Ｎ	Ｏ	Ｐ	Ｑ
035	Ｒ	Ｓ	Ｔ	Ｕ	Ｖ	Ｗ	Ｘ	Ｙ	Ｚ	
036						ａ	ｂ	ｃ	ｄ	ｅ
037	ｆ	ｇ	ｈ	ｉ	ｊ	ｋ	ｌ	ｍ	ｎ	ｏ
038	ｐ	ｑ	ｒ	ｓ	ｔ	ｕ	ｖ	ｗ	ｘ	ｙ
039	ｚ									
040		ぁ	あ	ぃ	い	ぅ	う	ぇ	え	ぉ
041	お	か	が	き	ぎ	く	ぐ	け	げ	こ
042	ご	さ	ざ	し	じ	す	ず	せ	ぜ	そ
043	ぞ	た	だ	ち	ぢ	っ	つ	づ	て	で

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
044	と	ど	な	に	ぬ	ね	の	は	ば	ぱ
045	ひ	び	ぴ	ふ	ぶ	ぷ	へ	べ	ぺ	ほ
046	ぼ	ぽ	ま	み	む	め	も	ゃ	や	ゅ
047	ゆ	ょ	よ	ら	り	る	れ	ろ	ゎ	わ
048	ゐ	ゑ	を	ん						
050		ァ	ア	ィ	イ	ゥ	ウ	ェ	エ	ォ
051	オ	カ	ガ	キ	ギ	ク	グ	ケ	ゲ	コ
052	ゴ	サ	ザ	シ	ジ	ス	ズ	セ	ゼ	ソ
053	ゾ	タ	ダ	チ	ヂ	ッ	ツ	ヅ	テ	デ
054	ト	ド	ナ	ニ	ヌ	ネ	ノ	ハ	バ	パ
055	ヒ	ビ	ピ	フ	ブ	プ	ヘ	ベ	ペ	ホ
056	ボ	ポ	マ	ミ	ム	メ	モ	ャ	ヤ	ュ
057	ユ	ョ	ヨ	ラ	リ	ル	レ	ロ	ヮ	ワ
058	ヰ	ヱ	ヲ	ン	ヴ	ヵ	ヶ			
060		Α	Β	Γ	Δ	Ε	Ζ	Η	Θ	Ι
061	Κ	Λ	Μ	Ν	Ξ	Ο	Π	Ρ	Σ	Τ
062	Υ	Φ	Χ	Ψ	Ω					
063				α	β	γ	δ	ε	ζ	η
064	θ	ι	κ	λ	μ	ν	ξ	ο	π	ρ
065	σ	τ	υ	φ	χ	ψ	ω			
070		А	Б	В	Г	Д	Е	Ё	Ж	З
071	И	Й	К	Л	М	Н	О	П	Р	С
072	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы
073	Ь	Э	Ю	Я						
074										а
075	б	в	г	д	е	ё	ж	з	и	й
076	к	л	м	н	о	п	р	с	т	у
077	ф	х	ц	ч	ш	щ	ъ	ы	ь	э
078	ю	я								
080		─	│	┌	┐	┘	└	├	┬	┤

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
081	┴	┼	━	┃	┏	┓	┛	┗	┣	┳
082	┫	┻	╋	┠	┯	┨	┷	┿	┝	┰
083	┥	┸	╂							
130		①	②	③	④	⑤	⑥	⑦	⑧	⑨
131	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲
132	⑳	Ⅰ	Ⅱ	Ⅲ	Ⅳ	Ⅴ	Ⅵ	Ⅶ	Ⅷ	Ⅸ
133	Ⅹ		㍉	㌔	㌢	㍍	㌘	㌧	㌃	㌶
134	㍑	㍗	㌍	㌦	㌣	㌫	㍊	㌻	㎜	㎝
135	㎞	㎎	㎏	㏄	㎡					
136				㍻	〝	〟	№	㏍	℡	㊤
137	㊥	㊦	㊧	㊨	㈱	㈲	㈹	㍾	㍽	㍼
138	≒	≡	∫	∮	∑	√	⊥	∠	∟	⊿
139	∵	∩	∪							
					【あ】					
160		亜	唖	娃	阿	哀	愛	挨	姶	逢
161	葵	茜	穐	悪	握	渥	旭	葦	芦	鯵
162	梓	圧	斡	扱	宛	姐	虻	飴	絢	綾
163	鮎	或	粟	袷	安	庵	按	暗	案	闇
164	鞍	杏								
					【い】					
164			以	伊	位	依	偉	囲	夷	委
165	威	尉	惟	意	慰	易	椅	為	畏	異
166	移	維	緯	胃	萎	衣	謂	違	遺	医
167	井	亥	域	育	郁	磯	一	壱	溢	逸
168	稲	茨	芋	鰯	允	印	咽	員	因	姻
169	引	飲	淫	胤	蔭					
170		院	陰	隠	韻	吋				
					【う】					
170							右	宇	烏	羽
171	迂	雨	卯	鵜	窺	丑	碓	臼	渦	嘘
172	唄	欝	蔚	鰻	姥	厩	浦	瓜	閏	噂
173	云	運	雲							
					【え】					
173				荏	餌	叡	営	嬰	影	映

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
174	曳	栄	永	泳	洩	瑛	盈	穎	頴	英
175	衛	詠	鋭	液	疫	益	駅	悦	謁	越
176	閲	榎	厭	円	園	堰	奄	宴	延	怨
177	掩	援	沿	演	炎	焔	煙	燕	猿	縁
178	艶	苑	薗	遠	鉛	鴛	塩			
					【お】					
178								於	汚	甥
179	凹	央	奥	往	応					
180		押	旺	横	欧	殴	王	翁	襖	鴬
181	鴎	黄	岡	沖	荻	億	屋	憶	臆	桶
182	牡	乙	俺	卸	恩	温	穏	音		
					【か】					
182									下	化
183	仮	何	伽	価	佳	加	可	嘉	夏	嫁
184	家	寡	科	暇	果	架	歌	河	火	珂
185	禍	禾	稼	箇	花	苛	茄	荷	華	菓
186	蝦	課	嘩	貨	迦	過	霞	蚊	俄	峨
187	我	牙	画	臥	芽	蛾	賀	雅	餓	駕
188	介	会	解	回	塊	壊	廻	快	怪	悔
189	恢	懐	戒	拐	改					
190		魁	晦	械	海	灰	界	皆	絵	芥
191	蟹	開	階	貝	凱	劾	外	咳	害	崖
192	慨	概	涯	碍	蓋	街	該	鎧	骸	浬
193	馨	蛙	垣	柿	蛎	鈎	劃	嚇	各	廓
194	拡	撹	格	核	殻	獲	確	穫	覚	角
195	赫	較	郭	閣	隔	革	学	岳	楽	額
196	顎	掛	笠	樫	橿	梶	鰍	潟	割	喝
197	恰	括	活	渇	滑	葛	褐	轄	且	鰹
198	叶	椛	樺	鞄	株	兜	竃	蒲	釜	鎌
199	噛	鴨	栢	茅	萱					
200		粥	刈	苅	瓦	乾	侃	冠	寒	刊
201	勘	勧	巻	喚	堪	姦	完	官	寛	干
202	幹	患	感	慣	憾	換	敢	柑	桓	棺
203	款	歓	汗	漢	澗	潅	環	甘	監	看
204	竿	管	簡	緩	缶	翰	肝	艦	莞	観
205	諌	貫	還	鑑	間	閑	関	陥	韓	館
206	舘	丸	含	岸	巌	玩	癌	眼	岩	翫

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
207	贋	雁	頑	顔	願					
					【き】					
207						企	伎	危	喜	器
208	基	奇	嬉	寄	岐	希	幾	忌	揮	机
209	旗	既	期	棋	棄					
210		機	帰	毅	気	汽	畿	祈	季	稀
211	紀	徽	規	記	貴	起	軌	輝	飢	騎
212	鬼	亀	偽	儀	妓	宜	戯	技	擬	欺
213	犠	疑	祇	義	蟻	誼	議	掬	菊	鞠
214	吉	吃	喫	桔	橘	詰	砧	杵	黍	却
215	客	脚	虐	逆	丘	久	仇	休	及	吸
216	宮	弓	急	救	朽	求	汲	泣	灸	球
217	究	窮	笈	級	糾	給	旧	牛	去	居
218	巨	拒	拠	挙	渠	虚	許	距	鋸	漁
219	禦	魚	亨	享	京					
220		供	侠	僑	兇	競	共	凶	協	匡
221	卿	叫	喬	境	峡	強	彊	怯	恐	恭
222	挟	教	橋	況	狂	狭	矯	胸	脅	興
223	蕎	郷	鏡	響	饗	驚	仰	凝	尭	暁
224	業	局	曲	極	玉	桐	粁	僅	勤	均
225	巾	錦	斤	欣	欽	琴	禁	禽	筋	緊
226	芹	菌	衿	襟	謹	近	金	吟	銀	
					【く】					
226										九
227	倶	句	区	狗	玖	矩	苦	躯	駆	駈
228	駒	具	愚	虞	喰	空	偶	寓	遇	隅
229	串	櫛	釧	屑	屈					
230		掘	窟	沓	靴	轡	窪	熊	隈	粂
231	栗	繰	桑	鍬	勲	君	薫	訓	群	軍
232	郡									
					【け】					
232		卦	袈	祁	係	傾	刑	兄	啓	圭
233	珪	型	契	形	径	恵	慶	慧	憩	掲
234	携	敬	景	桂	渓	畦	稽	系	経	継
235	繋	罫	茎	荊	蛍	計	詣	警	軽	頚
236	鶏	芸	迎	鯨	劇	戟	撃	激	隙	桁
237	傑	欠	決	潔	穴	結	血	訣	月	件

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
238	倹	倦	健	兼	券	剣	喧	圏	堅	嫌
239	建	憲	懸	拳	捲					
240		検	権	牽	犬	献	研	硯	絹	県
241	肩	見	謙	賢	軒	遣	鍵	険	顕	験
242	鹸	元	原	厳	幻	弦	減	源	玄	現
243	絃	舷	言	諺	限					
					【こ】					
243						乎	個	古	呼	固
244	姑	孤	己	庫	弧	戸	故	枯	湖	狐
245	糊	袴	股	胡	菰	虎	誇	跨	鈷	雇
246	顧	鼓	五	互	伍	午	呉	吾	娯	後
247	御	悟	梧	檎	瑚	碁	語	誤	護	醐
248	乞	鯉	交	佼	侯	候	倖	光	公	功
249	効	勾	厚	口	向					
250		后	喉	坑	垢	好	孔	孝	宏	工
251	巧	巷	幸	広	庚	康	弘	恒	慌	抗
252	拘	控	攻	昂	晃	更	杭	校	梗	構
253	江	洪	浩	港	溝	甲	皇	硬	稿	糠
254	紅	紘	絞	綱	耕	考	肯	肱	腔	膏
255	航	荒	行	衡	講	貢	購	郊	酵	鉱
256	砿	鋼	閤	降	項	香	高	鴻	剛	劫
257	号	合	壕	拷	濠	豪	轟	麹	克	刻
258	告	国	穀	酷	鵠	黒	獄	漉	腰	甑
259	忽	惚	骨	狛	込					
260		此	頃	今	困	坤	墾	婚	恨	懇
261	昏	昆	根	梱	混	痕	紺	艮	魂	
					【さ】					
261										些
262	佐	叉	唆	嵯	左	差	査	沙	瑳	砂
263	詐	鎖	裟	坐	座	挫	債	催	再	最
264	哉	塞	妻	宰	彩	才	採	栽	歳	済
265	災	采	犀	砕	砦	祭	斎	細	菜	裁
266	載	際	剤	在	材	罪	財	冴	坂	阪
267	堺	榊	肴	咲	崎	埼	碕	鷺	作	削
268	咋	搾	昨	朔	柵	窄	策	索	錯	桜
269	鮭	笹	匙	冊	刷					
270		察	拶	撮	擦	札	殺	薩	雑	皐

Appendix

17

First Three Digits	0	1	2	3	4	5	6	7	8	9
271	鯖	捌	錆	鮫	皿	晒	三	傘	参	山
272	惨	撒	散	桟	燦	珊	産	算	纂	蚕
273	讃	賛	酸	餐	斬	暫	残			
					【し】					
273								仕	仔	伺
274	使	刺	司	史	嗣	四	士	始	姉	姿
275	子	屍	市	師	志	思	指	支	孜	斯
276	施	旨	枝	止	死	氏	獅	祉	私	糸
277	紙	紫	肢	脂	至	視	詞	詩	試	誌
278	諮	資	賜	雌	飼	歯	事	似	侍	児
279	字	寺	慈	持	時					
280		次	滋	治	爾	璽	痔	磁	示	而
281	耳	自	蒔	辞	汐	鹿	式	識	鴫	竺
282	軸	宍	雫	七	叱	執	失	嫉	室	悉
283	湿	漆	疾	質	実	蔀	篠	偲	柴	芝
284	屡	蕊	縞	舎	写	射	捨	赦	斜	煮
285	社	紗	者	謝	車	遮	蛇	邪	借	勺
286	尺	杓	灼	爵	酌	釈	錫	若	寂	弱
287	惹	主	取	守	手	朱	殊	狩	珠	種
288	腫	趣	酒	首	儒	受	呪	寿	授	樹
289	綬	需	囚	収	周					
290		宗	就	州	修	愁	拾	洲	秀	秋
291	終	繍	習	臭	舟	蒐	衆	襲	讐	蹴
292	輯	週	酋	酬	集	醜	什	住	充	十
293	従	戎	柔	汁	渋	獣	縦	重	銃	叔
294	夙	宿	淑	祝	縮	粛	塾	熟	出	術
295	述	俊	峻	春	瞬	竣	舜	駿	准	循
296	旬	楯	殉	淳	準	潤	盾	純	巡	遵
297	醇	順	処	初	所	暑	曙	渚	庶	緒
298	署	書	薯	藷	諸	助	叙	女	序	徐
299	恕	鋤	除	傷	償					
300		勝	匠	升	召	哨	商	唱	嘗	奨
301	妾	娼	宵	将	小	少	尚	庄	床	廠
302	彰	承	抄	招	掌	捷	昇	昌	昭	晶
303	松	梢	樟	樵	沼	消	渉	湘	焼	焦
304	照	症	省	硝	礁	祥	称	章	笑	粧
305	紹	肖	菖	蒋	蕉	衝	裳	訟	証	詔

First Three Digits	0	1	2	3	4	5	6	7	8	9
306	詳	象	賞	醤	鉦	鍾	鐘	障	鞘	上
307	丈	丞	乗	冗	剰	城	場	壌	嬢	常
308	情	擾	条	杖	浄	状	畳	穣	蒸	譲
309	醸	錠	嘱	埴	飾					
310		拭	植	殖	燭	織	職	色	触	食
311	蝕	辱	尻	伸	信	侵	唇	娠	寝	審
312	心	慎	振	新	晋	森	榛	浸	深	申
313	疹	真	神	秦	紳	臣	芯	薪	親	診
314	身	辛	進	針	震	人	仁	刃	塵	壬
315	尋	甚	尽	腎	訊	迅	陣	靭		
					【す】					
315									笥	諏
316	須	酢	図	厨	逗	吹	垂	帥	推	水
317	炊	睡	粋	翠	衰	遂	酔	錐	錘	随
318	瑞	髄	崇	嵩	数	枢	趨	雛	据	杉
319	椙	菅	頗	雀	裾					
320		澄	摺	寸						
					【せ】					
320					世	瀬	畝	是	凄	制
321	勢	姓	征	性	成	政	整	星	晴	棲
322	栖	正	清	牲	生	盛	精	聖	声	製
323	西	誠	誓	請	逝	醒	青	静	斉	税
324	脆	隻	席	惜	戚	斥	昔	析	石	積
325	籍	績	脊	責	赤	跡	蹟	碩	切	拙
326	接	摂	折	設	窃	節	説	雪	絶	舌
327	蝉	仙	先	千	占	宣	専	尖	川	戦
328	扇	撰	栓	栴	泉	浅	洗	染	潜	煎
329	煽	旋	穿	箭	線					
330		繊	羨	腺	舛	船	薦	詮	賎	践
331	選	遷	銭	銑	閃	鮮	前	善	漸	然
332	全	禅	繕	膳	糎					
					【そ】					
332						噌	塑	岨	措	曾
333	曽	楚	狙	疏	疎	礎	祖	租	粗	素
334	組	蘇	訴	阻	遡	鼠	僧	創	双	叢
335	倉	喪	壮	奏	爽	宋	層	匝	惣	想
336	捜	掃	挿	掻	操	早	曹	巣	槍	槽

First Three Digits	0	1	2	3	4	5	6	7	8	9
337	漕	燥	争	痩	相	窓	糟	総	綜	聡
338	草	荘	葬	蒼	藻	装	走	送	遭	鎗
339	霜	騒	像	増	憎					
340		臓	蔵	贈	造	促	側	則	即	息
341	捉	束	測	足	速	俗	属	賊	族	続
342	卒	袖	其	揃	存	孫	尊	損	村	遜
					【た】					
343	他	多	太	汰	詑	唾	堕	妥	惰	打
344	柁	舵	楕	陀	駄	騨	体	堆	対	耐
345	岱	帯	待	怠	態	戴	替	泰	滞	胎
346	腿	苔	袋	貸	退	逮	隊	黛	鯛	代
347	台	大	第	醍	題	鷹	滝	瀧	卓	啄
348	宅	托	択	拓	沢	濯	琢	託	鐸	濁
349	諾	茸	凧	蛸	只					
350		叩	但	達	辰	奪	脱	巽	竪	辿
351	棚	谷	狸	鱈	樽	誰	丹	単	嘆	坦
352	担	探	旦	歎	淡	湛	炭	短	端	箪
353	綻	耽	胆	蛋	誕	鍛	団	壇	弾	断
354	暖	檀	段	男	談					
					【ち】					
354						値	知	地	弛	恥
355	智	池	痴	稚	置	致	蜘	遅	馳	築
356	畜	竹	筑	蓄	逐	秩	窒	茶	嫡	着
357	中	仲	宙	忠	抽	昼	柱	注	虫	衷
358	註	酎	鋳	駐	樗	瀦	猪	苧	著	貯
359	丁	兆	凋	喋	寵					
360		帖	帳	庁	弔	張	彫	徴	懲	挑
361	暢	朝	潮	牒	町	眺	聴	脹	腸	蝶
362	調	諜	超	跳	銚	長	頂	鳥	勅	捗
363	直	朕	沈	珍	賃	鎮	陳			
					【つ】					
363								津	墜	椎
364	槌	追	鎚	痛	通	塚	栂	掴	槻	佃
365	漬	柘	辻	蔦	綴	鍔	椿	潰	坪	壷
366	嬬	紬	爪	吊	釣	鶴				
					【て】					
366							亭	低	停	偵

First Three Digits	0	1	2	3	4	5	6	7	8	9
367	剃	貞	呈	堤	定	帝	底	庭	廷	弟
368	悌	抵	挺	提	梯	汀	碇	禎	程	締
369	艇	訂	諦	蹄	逓					
370		邸	鄭	釘	鼎	泥	摘	擢	敵	滴
371	的	笛	適	鏑	溺	哲	徹	撤	轍	迭
372	鉄	典	填	天	展	店	添	纏	甜	貼
373	転	顛	点	伝	殿	澱	田	電		
					【と】					
373									兎	吐
374	堵	塗	妬	屠	徒	斗	杜	渡	登	菟
375	賭	途	都	鍍	砥	砺	努	度	土	奴
376	怒	倒	党	冬	凍	刀	唐	塔	塘	套
377	宕	島	嶋	悼	投	搭	東	桃	梼	棟
378	盗	淘	湯	涛	灯	燈	当	痘	祷	等
379	答	筒	糖	統	到					
380		董	蕩	藤	討	謄	豆	踏	逃	透
381	鐙	陶	頭	騰	闘	働	動	同	堂	導
382	憧	撞	洞	瞳	童	胴	萄	道	銅	峠
383	鴇	匿	得	徳	涜	特	督	禿	篤	毒
384	独	読	栃	橡	凸	突	椴	届	鳶	苫
385	寅	酉	瀞	噸	屯	惇	敦	沌	豚	遁
386	頓	呑	曇	鈍						
					【な】					
386					奈	那	内	乍	凪	薙
387	謎	灘	捺	鍋	楢	馴	縄	畷	南	楠
388	軟	難	汝							
					【に】					
388				二	尼	弐	迩	匂	賑	肉
389	虹	廿	日	乳	入					
390		如	尿	韮	任	妊	忍	認		
					【ぬ】					
390									濡	
					【ね】					
390										禰
391	祢	寧	葱	猫	熱	年	念	捻	撚	燃
392	粘									

First Three Digits	0	1	2	3	4	5	6	7	8	9
					【の】					
392		乃	廼	之	埜	嚢	悩	濃	納	能
393	脳	膿	農	覗	蚤					
					【は】					
393						巴	把	播	覇	杷
394	波	派	琶	破	婆	罵	芭	馬	俳	廃
395	拝	排	敗	杯	盃	牌	背	肺	輩	配
396	倍	培	媒	梅	楳	煤	狽	買	売	賠
397	陪	這	蝿	秤	矧	萩	伯	剥	博	拍
398	柏	泊	白	箔	粕	舶	薄	迫	曝	漠
399	爆	縛	莫	駁	麦					
400		函	箱	硲	箸	肇	筈	櫨	幡	肌
401	畑	畠	八	鉢	溌	発	醗	髪	伐	罰
402	抜	筏	閥	鳩	噺	塙	蛤	隼	伴	判
403	半	反	叛	帆	搬	斑	板	氾	汎	版
404	犯	班	畔	繁	般	藩	販	範	釆	煩
405	頒	飯	挽	晩	番	盤	磐	蕃	蛮	
					【ひ】					
405										匪
406	卑	否	妃	庇	彼	悲	扉	批	披	斐
407	比	泌	疲	皮	碑	秘	緋	罷	肥	被
408	誹	費	避	非	飛	樋	簸	備	尾	微
409	枇	毘	琵	眉	美					
410		鼻	柊	稗	匹	疋	髭	彦	膝	菱
411	肘	弼	必	畢	筆	逼	桧	姫	媛	紐
412	百	謬	俵	彪	標	氷	漂	瓢	票	表
413	評	豹	廟	描	病	秒	苗	錨	鋲	蒜
414	蛭	鰭	品	彬	斌	浜	瀕	貧	賓	頻
415	敏	瓶								
					【ふ】					
415			不	付	埠	夫	婦	富	冨	布
416	府	怖	扶	敷	斧	普	浮	父	符	腐
417	膚	芙	譜	負	賦	赴	阜	附	侮	撫
418	武	舞	葡	蕪	部	封	楓	風	葺	蕗
419	伏	副	復	幅	服					
420		福	腹	複	覆	淵	弗	払	沸	仏
421	物	鮒	分	吻	噴	墳	憤	扮	焚	奮

First Three Digits	0	1	2	3	4	5	6	7	8	9
422	粉	糞	紛	雰	文	聞				
					【へ】					
422							丙	併	兵	塀
423	幣	平	弊	柄	並	蔽	閉	陛	米	頁
424	僻	壁	癖	碧	別	瞥	蔑	箆	偏	変
425	片	篇	編	辺	返	遍	便	勉	娩	弁
426	鞭									
					【ほ】					
426		保	舗	鋪	圃	捕	歩	甫	補	輔
427	穂	募	墓	慕	戊	暮	母	簿	菩	倣
428	俸	包	呆	報	奉	宝	峰	峯	崩	庖
429	抱	捧	放	方	朋					
430		法	泡	烹	砲	縫	胞	芳	萌	蓬
431	蜂	褒	訪	豊	邦	鋒	飽	鳳	鵬	乏
432	亡	傍	剖	坊	妨	帽	忘	忙	房	暴
433	望	某	棒	冒	紡	肪	膨	謀	貌	貿
434	鉾	防	吠	頬	北	僕	卜	墨	撲	朴
435	牧	睦	穆	釦	勃	没	殆	堀	幌	奔
436	本	翻	凡	盆						
					【ま】					
436					摩	磨	魔	麻	埋	妹
437	昧	枚	毎	哩	槙	幕	膜	枕	鮪	柾
438	鱒	桝	亦	俣	又	抹	末	沫	迄	侭
439	繭	麿	万	慢	満					
440		漫	蔓							
					【み】					
440				味	未	魅	巳	箕	岬	密
441	蜜	湊	蓑	稔	脈	妙	粍	民	眠	
					【む】					
441										務
442	夢	無	牟	矛	霧	鵡	椋	婿	娘	
					【め】					
442										冥
443	名	命	明	盟	迷	銘	鳴	姪	牝	滅
444	免	棉	綿	緬	面	麺				
					【も】					
444							摸	模	茂	妄

First Three Digits	0	1	2	3	4	5	6	7	8	9
445	孟	毛	猛	盲	網	耗	蒙	儲	木	黙
446	目	杢	勿	餅	尤	戻	籾	貰	問	悶
447	紋	門	匁							
					【や】					
447				也	冶	夜	爺	耶	野	弥
448	矢	厄	役	約	薬	訳	躍	靖	柳	薮
449	鑓									
					【ゆ】					
449		愉	愈	油	癒					
450		諭	輸	唯	佑	優	勇	友	宥	幽
451	悠	憂	揖	有	柚	湧	涌	猶	猷	由
452	祐	裕	誘	遊	邑	郵	雄	融	夕	
					【よ】					
452										予
453	余	与	誉	輿	預	傭	幼	妖	容	庸
454	揚	揺	擁	曜	楊	様	洋	溶	熔	用
455	窯	羊	耀	葉	蓉	要	謡	踊	遥	陽
456	養	慾	抑	欲	沃	浴	翌	翼	淀	
					【ら】					
456										羅
457	螺	裸	来	莱	頼	雷	洛	絡	落	酪
458	乱	卵	嵐	欄	濫	藍	蘭	覧		
					【り】					
458									利	吏
459	履	李	梨	理	璃					
460		痢	裏	裡	里	離	陸	律	率	立
461	葎	掠	略	劉	流	溜	琉	留	硫	粒
462	隆	竜	龍	侶	慮	旅	虜	了	亮	僚
463	両	凌	寮	料	梁	涼	猟	療	瞭	稜
464	糧	良	諒	遼	量	陵	領	力	緑	倫
465	厘	林	淋	燐	琳	臨	輪	隣	鱗	麟
					【る】					
466	瑠	塁	涙	累	類					
					【れ】					
466						令	伶	例	冷	励
467	嶺	怜	玲	礼	苓	鈴	隷	零	霊	麗
468	齢	暦	歴	列	劣	烈	裂	廉	恋	憐

First Three Digits	0	1	2	3	4	5	6	7	8	9
469	漣	煉	簾	練	聯					
470		蓮	連	錬						
					【ろ】					
470					呂	魯	櫓	炉	賂	路
471	露	労	婁	廊	弄	朗	楼	榔	浪	漏
472	牢	狼	篭	老	聾	蝋	郎	六	麓	禄
473	肋	録	論							
					【わ】					
473				倭	和	話	歪	賄	脇	惑
474	枠	鷲	亙	亘	鰐	詫	藁	蕨	椀	湾
475	碗	腕								
476										
477										
478										
479										
480		弌	丐	丕	个	丱	丶	丼	丿	乂
481	乖	乘	亂	亅	豫	亊	舒	弍	于	亞
482	亟	亠	亢	亰	亳	亶	从	仍	仄	仆
483	仂	仗	仞	仭	仟	价	伉	佚	估	佛
484	佝	佗	佇	佶	侈	侏	侘	佻	佩	佰
485	侑	佯	來	侖	儘	俔	俟	俎	俘	俛
486	俑	俚	俐	俤	俥	倚	倨	倔	倪	倥
487	倅	伜	俶	倡	倩	倬	俾	俯	們	倆
488	偃	假	會	偕	偐	偈	做	偖	偬	偸
489	傀	傚	傅	傴	傲					
490		僉	僊	傳	僂	僖	僞	僥	僭	僣
491	僮	價	僵	儉	儁	儂	儖	儕	儔	儚
492	儡	儺	儷	儼	儻	儿	兀	兒	兌	兔
493	兢	竸	兩	兪	兮	冀	冂	囘	册	冉
494	冏	冑	冓	冕	冖	冤	冦	冢	冩	冪
495	冫	决	冱	冲	冰	况	冽	凅	凉	凛
496	几	處	凩	凭	凰	凵	凾	刄	刋	刔
497	刎	刧	刪	刮	刳	刹	剏	剄	剋	剌
498	剞	剔	剪	剴	剩	剳	剿	剽	劍	劔
499	劒	剱	劈	劑	辨					
500		辧	劬	劭	劼	劵	勁	勍	勗	勞
501	勣	勦	飭	勠	勳	勵	勸	勹	匆	匈

First Three Digits	0	1	2	3	4	5	6	7	8	9
502	甸	匍	匐	匏	匕	匚	匣	匯	匱	匳
503	匸	區	卆	卅	丗	卉	卍	凖	卞	卩
504	卮	夘	卻	卷	厂	厖	厠	厦	厥	厮
505	厰	厶	參	簒	雙	叟	曼	燮	叮	叨
506	叭	叺	吁	吽	呀	听	吭	吼	吮	吶
507	吩	吝	呎	咏	呵	咎	呟	呱	呷	呰
508	咒	呻	咀	呶	咄	咐	咆	哇	咢	咸
509	咥	咬	哄	哈	咨					
510		咫	哂	咤	咾	咼	哘	哥	哦	唏
511	唔	哽	哮	哭	哺	哢	唹	啀	啣	啌
512	售	啜	啅	啖	啗	唸	唳	啝	喙	喀
513	咯	喊	喟	啻	啾	喘	喞	單	啼	喃
514	喩	喇	喨	嗚	嗅	嗟	嗄	嗜	嗤	嗔
515	嘔	嗷	嘖	嗾	嗽	嘛	嗹	噎	噐	營
516	嘴	嘶	嘲	嘸	噫	噤	嘯	噬	噪	嚆
517	嚀	嚊	嚠	嚔	嚏	嚥	嚮	嚶	嚴	囂
518	嚼	囁	囃	囀	囈	囎	囑	囓	囗	囮
519	囹	圀	囿	圄	圉					
520		圈	國	圍	圓	團	圖	嗇	圜	圦
521	圷	圸	坎	圻	址	坏	坩	埀	垈	坡
522	坿	垉	垓	垠	垳	垤	垪	垰	埃	埆
523	埔	埒	埓	堊	埖	埣	堋	堙	堝	塲
524	堡	塢	塋	塰	毀	塒	堽	塹	墅	墹
525	墟	墫	墺	壞	墻	墸	墮	壅	壓	壑
526	壗	壙	壘	壥	壜	壤	壟	壯	壺	壹
527	壻	壼	壽	夂	夊	夐	夛	梦	夥	夬
528	夭	夲	夸	夾	竒	奕	奐	奎	奚	奘
529	奢	奠	奧	奬	奩					
530		奸	妁	妝	佞	侫	妣	妲	姆	姨
531	姜	妍	姙	姚	娥	娟	娑	娜	娉	娚
532	婀	婬	婉	娵	娶	婢	婪	媚	媼	媾
533	嫋	嫂	媽	嫣	嫗	嫦	嫩	嫖	嫺	嫻
534	嬌	嬋	嬖	嬲	嫐	嬪	嬶	嬾	孃	孅
535	孀	孑	孕	孚	孛	孥	孩	孰	孳	孵
536	學	斈	孺	宀	它	宦	宸	寃	寇	寉
537	寔	寐	寤	實	寢	寞	寥	寫	寰	寶
538	寳	尅	將	專	對	尓	尠	尢	尨	尸

First Three Digits	0	1	2	3	4	5	6	7	8	9
539	尹	屁	屆	屎	屓					
540		屐	屏	孱	屬	屮	乢	屶	屹	岌
541	岑	岔	妛	岫	岻	岶	岼	岷	峅	岾
542	峇	峙	峩	峽	峺	峭	嶌	峪	崋	崕
543	崗	嵜	崟	崛	崑	崔	崢	崚	崙	崘
544	嵌	嵒	嵎	嵋	嵬	嵳	嵶	嶇	嶄	嶂
545	嶢	嶝	嶬	嶮	嶽	嶐	嶷	嶼	巉	巍
546	巓	巒	巖	巛	巫	已	巵	帋	帚	帙
547	帑	帛	帶	帷	幄	幃	幀	幎	幗	幔
548	幟	幢	幤	幇	幵	并	幺	麼	广	庠
549	廁	廂	廈	廐	廏					
550		廖	廣	廝	廚	廛	廢	廡	廨	廩
551	廬	廱	廳	廰	廴	廸	廾	弃	弉	彝
552	彜	弋	弑	弖	弩	弭	弸	彁	彈	彌
553	彎	弯	彑	彖	彗	彙	彡	彭	彳	彷
554	徃	徂	彿	徊	很	徑	徇	從	徙	徘
555	徠	徨	徭	徼	忖	忻	忤	忸	忱	忝
556	悳	忿	怡	恠	怙	怐	怩	怎	怱	怛
557	怕	怫	怦	怏	怺	恚	恁	恪	恷	恟
558	恊	恆	恍	恣	恃	恤	恂	恬	恫	恙
559	悁	悍	惧	悃	悚					
560		悄	悛	悖	悗	悒	悧	悋	惡	悸
561	惠	惓	悴	忰	悽	惆	悵	惘	慍	愕
562	愆	惶	惷	愀	惴	惺	愃	愡	惻	惱
563	愍	愎	慇	愾	愨	愧	慊	愿	愼	愬
564	愴	愽	慂	慄	慳	慷	慘	慙	慚	慫
565	慴	慯	慥	慱	慟	慝	慓	慵	憙	憖
566	憇	憬	憔	憚	憊	憑	憫	憮	懌	懊
567	應	懷	懈	懃	懆	憺	懋	罹	懍	懦
568	懣	懶	懺	懴	懿	懽	懼	懾	戀	戈
569	戉	戍	戌	戔	戛					
570		戞	戡	截	戮	戰	戲	戳	扁	扎
571	扞	扣	扛	扠	扨	扼	抂	抉	找	抒
572	抓	抖	拔	抃	抔	拗	拑	抻	拏	拿
573	拆	擔	拈	拜	拌	拊	拂	拇	抛	拉
574	挌	拮	拱	挧	挂	挈	拯	拵	捐	挾
575	捍	搜	捏	掖	掎	掀	掫	捶	掣	掏

First Three Digits	0	1	2	3	4	5	6	7	8	9
576	掉	掟	掵	捫	捩	掾	揩	揀	揆	揣
577	揉	插	揶	揄	搖	搴	搆	搓	搦	搶
578	攝	搗	搨	搏	摧	摯	摶	摎	攪	撕
579	撓	撥	撩	撈	撼					
580		據	擒	擅	擇	撻	擘	擂	擱	擧
581	舉	擠	擡	抬	擣	擯	攬	擶	擴	擲
582	擺	攀	擽	攘	攜	攅	攤	攣	攫	攴
583	攵	攷	收	攸	畋	效	敖	敕	敍	敘
584	敞	敝	敲	數	斂	斃	變	斛	斟	斫
585	斷	旃	旆	旁	旄	旌	旒	旛	旙	无
586	旡	旱	杲	昊	昃	旻	杳	昵	昶	昴
587	昜	晏	晄	晉	晁	晞	晝	晤	晧	晨
588	晟	晢	晰	暃	暈	暎	暉	暄	暘	暝
589	曁	暹	曉	暾	暼					
590		曄	暸	曖	曚	曠	昿	曦	曩	曰
591	曵	曷	朏	朖	朞	朦	朧	霸	朮	朿
592	朶	杁	朸	朷	杆	杞	杠	杙	杣	杤
593	枉	杰	枩	杼	杪	枌	枋	枦	枡	枅
594	枷	柯	枴	柬	枳	柩	枸	柤	柞	柝
595	柢	柮	枹	柎	柆	柧	檜	栞	框	栩
596	桀	桍	栲	桎	梳	栫	桙	档	桷	桿
597	梟	梏	梭	梔	條	梛	梃	檮	梹	桴
598	梵	梠	梺	椏	梍	桾	椁	棊	椈	棘
599	椢	椦	棡	椌	棍					
600		棔	棧	棕	椶	椒	椄	棗	棣	椥
601	棹	棠	棯	椨	椪	椚	椣	椡	棆	楹
602	楷	楜	楸	楫	楔	楾	楮	椹	楴	椽
603	榊	椰	楡	楞	楝	榁	楪	榲	榮	槐
604	榿	槁	槓	榾	槎	寨	槊	槝	榻	槃
605	榧	樮	榑	榠	榜	榕	榴	槞	槨	樂
606	樛	槿	權	槹	槲	槧	樅	榱	樞	槭
607	樔	槫	樊	樒	櫁	樣	樓	橄	樌	橲
608	樶	橸	橇	橢	橙	橦	橈	樸	樢	檐
609	檍	檠	檄	檢	檣					
610		檗	蘗	檻	櫃	櫂	檸	檳	檬	櫞
611	櫑	櫟	檪	櫚	櫪	櫻	欅	蘖	櫺	欒
612	欖	鬱	欟	欸	欷	盜	欹	飮	歇	歃

First Three Digits	0	1	2	3	4	5	6	7	8	9
613	歉	歐	歙	歔	歛	歟	歡	歸	歹	歿
614	殀	殄	殃	殍	殘	殕	殞	殤	殪	殫
615	殯	殲	殱	殳	殷	殼	毆	毋	毓	毟
616	毬	毫	毳	毯	麾	氈	氓	气	氛	氤
617	氣	汞	汕	汢	汪	沂	沍	沚	沁	沛
618	汾	汨	汳	沒	沐	泄	泱	泓	沽	泗
619	泅	泝	沮	沱	沾					
620		沺	泛	泯	泙	泪	洟	衍	洶	洫
621	洽	洸	洙	洵	洳	洒	洌	浣	涓	浤
622	浚	浹	浙	涎	涕	濤	涅	淹	渕	渊
623	涵	淇	淦	涸	淆	淬	淞	淌	淨	淒
624	淅	淺	淙	淤	淕	淪	淮	渭	湮	渮
625	渙	湲	湟	渾	渣	湫	渫	湶	湍	渟
626	湃	渺	湎	渤	滿	渝	游	溂	溪	溘
627	滉	溷	滓	溽	溯	滄	溲	滔	滕	溏
628	溥	滂	溟	潁	漑	灌	滬	滸	滾	漿
629	滲	漱	滯	漲	滌					
630		漾	漓	滷	澆	潺	潸	澁	澀	潯
631	潛	濳	潭	澂	潼	潘	澎	澑	濂	潦
632	澳	澣	澡	澤	澹	濆	澪	濟	濕	濬
633	濔	濘	濱	濮	濛	瀉	瀋	濺	瀑	瀁
634	瀏	濾	瀛	瀚	潴	瀝	瀘	瀟	瀰	瀾
635	瀲	灑	灣	炙	炒	炯	烱	炬	炸	炳
636	炮	烟	烋	烝	烙	焉	烽	焜	焙	煥
637	煕	熈	煦	煢	煌	煖	煬	熏	燻	熄
638	熕	熨	熬	燗	熹	熾	燒	燉	燔	燎
639	燠	燬	燧	燵	燼					
640		燹	燿	爍	爐	爛	爨	爭	爬	爰
641	爲	爻	爼	爿	牀	牆	牋	牘	牴	牾
642	犂	犁	犇	犒	犖	犢	犧	犹	犲	狃
643	狆	狄	狎	狒	狢	狠	狡	狹	狷	倏
644	猗	猊	猜	猖	猝	猴	猯	猩	猥	猾
645	獎	獏	默	獗	獪	獨	獰	獸	獵	獻
646	獺	珈	玳	珎	玻	珀	珥	珮	珞	璢
647	琅	瑯	琥	珸	琲	琺	瑕	琿	瑟	瑙
648	瑁	瑜	瑩	瑰	瑣	瑪	瑶	瑾	璋	璞
649	璧	瓊	瓏	瓔	珱					

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
650		瓠	瓣	瓧	瓩	瓮	瓲	瓰	瓱	瓸
651	瓷	甄	甃	甅	甌	甎	甍	甕	甓	甞
652	甦	甬	甼	畄	畍	畊	畉	畛	畆	畚
653	畩	畤	畧	畫	畭	畸	當	疆	疇	畴
654	疊	疉	疂	疔	疚	疝	疥	疣	痂	疳
655	痃	疵	疽	疸	疼	疱	痍	痊	痒	痙
656	痣	痞	痾	痿	痼	瘁	痰	痺	痲	痳
657	瘋	瘍	瘉	瘟	瘧	瘠	瘡	瘢	瘤	瘴
658	瘰	瘻	癇	癈	癆	癜	癘	癡	癢	癨
659	癩	癪	癧	癬	癰					
660		癲	癶	癸	發	皀	皃	皈	皋	皎
661	皖	皓	皙	皚	皰	皴	皸	皹	皺	盂
662	盍	盖	盒	盞	盡	盥	盧	盪	蘯	盻
663	眈	眇	眄	眩	眤	眞	眥	眦	眛	眷
664	眸	睇	睚	睨	睫	睛	睥	睿	睾	睹
665	瞎	瞋	瞑	瞠	瞞	瞰	瞶	瞹	瞿	瞼
666	瞽	瞻	矇	矍	矗	矚	矜	矣	矮	矼
667	砌	砒	礦	砠	礪	硅	碎	硴	碆	硼
668	碚	碌	碣	碵	碪	碯	磑	磆	磋	磔
669	碾	碼	磅	磊	磬					
670		磧	磚	磽	磴	礇	礒	礑	礙	礬
671	礫	祀	祠	祗	祟	祚	祕	祓	祺	祿
672	禊	禝	禧	齋	禪	禮	禳	禹	禺	秉
673	秕	秧	秬	秡	秣	稈	稍	稘	稙	稠
674	稟	禀	稱	稻	稾	稷	穃	穗	穉	穡
675	穢	穩	龝	穰	穹	穽	窈	窗	窕	窘
676	窖	窩	竈	窰	窶	竅	竄	窿	邃	竇
677	竊	竍	竏	竕	竓	站	竚	竝	竡	竢
678	竦	竭	竰	笂	笏	笊	笆	笳	笘	笙
679	笞	笵	笨	笶	筐					
680		筺	笄	筍	笋	筌	筅	筵	筥	筴
681	筧	筰	筱	筬	筮	箝	箘	箟	箍	箜
682	箚	箋	箒	箏	筝	箙	篋	篁	篌	篏
683	箴	篆	篝	篩	簑	簔	篦	篥	籠	簀
684	簇	簓	篳	篷	簗	簍	篶	簣	簧	簪
685	簟	簷	簫	簽	籌	籃	籔	籏	籀	籐
686	籘	籟	籤	籖	籥	籬	籵	粃	粐	粤

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
687	粭	粢	粫	粡	粨	粳	粲	粱	粮	粹
688	粽	糀	糅	糂	糘	糒	糜	糢	鬻	糯
689	糲	糴	糶	糺	紆					
690		紂	紜	紕	紊	絅	絋	紮	紲	紿
691	紵	絆	絳	絖	絎	絲	絨	絮	絏	絣
692	經	綉	絛	綏	絽	綛	綺	綮	綣	綵
693	緇	綽	綫	總	綢	綯	緜	綸	綟	綰
694	緘	緝	緤	緞	緻	緲	緡	縅	縊	縣
695	縡	縒	縱	縟	縉	縋	縢	繆	繦	縻
696	縵	縹	繃	縷	縲	縺	繧	繝	繖	繞
697	繙	繚	繹	繪	繩	繼	繻	纃	緕	繽
698	辮	繿	纈	纉	續	纒	纐	纓	纔	纖
699	纎	纛	纜	缸	缺					
700		罅	罌	罍	罎	罐	网	罕	罔	罘
701	罟	罠	罨	罩	罧	罸	羂	羆	羃	羈
702	羇	羌	羔	羞	羝	羚	羣	羯	羲	羹
703	羮	羶	羸	譱	翅	翆	翊	翕	翔	翡
704	翦	翩	翳	翹	飜	耆	耄	耋	耒	耘
705	耙	耜	耡	耨	耿	耻	聊	聆	聒	聘
706	聚	聟	聢	聨	聳	聲	聰	聶	聹	聽
707	聿	肄	肆	肅	肛	肓	肚	肭	冐	肬
708	胛	胥	胙	胝	胄	胚	胖	脉	胯	胱
709	脛	脩	脣	脯	腋					
710		隋	腆	脾	腓	腑	胼	腱	腮	腥
711	腦	腴	膃	膈	膊	膀	膂	膠	膕	膤
712	膣	腟	膓	膩	膰	膵	膾	膸	膽	臀
713	臂	膺	臉	臍	臑	臙	臘	臈	臚	臟
714	臠	臧	臺	臻	臾	舁	舂	舅	與	舊
715	舍	舐	舖	舩	舫	舸	舳	艀	艙	艘
716	艝	艚	艟	艤	艢	艨	艪	艫	舮	艱
717	艷	艸	艾	芍	芒	芫	芟	芻	芬	苡
718	苣	苟	苒	苴	苳	苺	莓	范	苻	苹
719	苞	茆	苜	茉	苙					
720		茵	茴	茖	茲	茱	荀	茹	荐	荅
721	茯	茫	茗	茘	莅	莚	莪	莟	莢	莖
722	茣	莎	莇	莊	荼	莵	荳	荵	莠	莉
723	莨	菴	萓	菫	菎	菽	萃	菘	萋	菁

First Three Digits	Last Digit 0	1	2	3	4	5	6	7	8	9
724	菷	萇	菠	菲	萍	萢	萠	莽	萸	蔆
725	菻	葭	萪	萼	蕚	蒄	葷	葫	蒭	葮
726	蒂	葩	葆	萬	葯	葹	萵	蓊	葢	蒹
727	蒿	蒟	蓙	蓍	蒻	蓚	蓐	蓁	蓆	蓖
728	蒡	蔡	蓿	蓴	蔗	蔘	蔬	蔟	蔕	蔔
729	蓼	蕀	蕣	蕘	蕈					
730		蕁	蘂	蕋	蕕	薀	薤	薈	薑	薊
731	薨	蕭	薔	薛	藪	薇	薜	蕷	蕾	薐
732	藉	薺	藏	薹	藐	藕	藝	藥	藜	藹
733	蘊	蘓	蘋	藾	藺	蘆	蘢	蘚	蘰	蘿
734	虍	乕	虔	號	虧	虱	蚓	蚣	蚩	蚪
735	蚋	蚌	蚶	蚯	蛄	蛆	蚰	蛉	蠣	蚫
736	蛔	蛞	蛩	蛬	蛟	蛛	蛯	蜒	蜆	蜈
737	蜀	蜃	蛻	蜑	蜉	蜍	蛹	蜊	蜴	蜿
738	蜷	蜻	蜥	蜩	蜚	蝠	蝟	蝸	蝌	蝎
739	蝴	蝗	蝨	蝮	蝙					
740		蝓	蝣	蝪	蠅	螢	螟	螂	螯	蟋
741	螽	蟀	蟐	雖	螫	蟄	螳	蟇	蟆	螻
742	蟯	蟲	蟠	蠏	蠍	蟾	蟶	蟷	蠎	蟒
743	蠑	蠖	蠕	蠢	蠡	蠱	蠶	蠹	蠧	蠻
744	衄	衂	衒	衙	衞	衢	衫	袁	衾	袞
745	衵	衽	袵	衲	袂	袗	袒	袮	袙	袢
746	袍	袤	袰	袿	袱	裃	裄	裔	裘	裙
747	裝	裹	褂	裼	裴	裨	裲	褄	褌	褊
748	褓	襃	褞	褥	褪	褫	襁	襄	褻	褶
749	褸	襌	褝	襠	襞					
750		襦	襤	襭	襪	襯	襴	襷	襾	覃
751	覈	覊	覓	覘	覡	覩	覦	覬	覯	覲
752	覺	覽	覿	觀	觚	觜	觝	觧	觴	觸
753	訃	訖	訐	訌	訛	訝	訥	訶	詁	詛
754	詒	詆	詈	詼	詭	詬	詢	誅	誂	誄
755	誨	誡	誑	誥	誦	誚	誣	諄	諍	諂
756	諚	諫	諳	諧	諤	諱	謔	諠	諢	諷
757	諞	諛	謌	謇	謚	諡	謖	謐	謗	謠
758	謳	鞫	謦	謫	謾	謨	譁	譌	譏	譎
759	證	譖	譛	譚	譫					
760		譟	譬	譯	譴	譽	讀	讌	讎	讒

First Three Digits	0	1	2	3	4	5	6	7	8	9
761	讓	讖	讙	讚	谺	豁	谿	豈	豌	豎
762	豐	豕	豢	豬	豸	豺	貂	貉	貅	貊
763	貍	貎	貔	豼	貘	戝	貭	貪	貽	貲
764	貳	貮	貶	賈	賁	賤	賣	賚	賽	賺
765	賻	贄	贅	贊	贇	贏	贍	贐	齎	贓
766	賍	贔	贖	赧	赭	赱	赳	趁	趙	跂
767	趾	趺	跏	跚	跖	跌	跛	跋	跪	跫
768	跟	跣	跼	踈	踉	跿	踝	踞	踐	踟
769	蹂	踵	踰	踴	蹊					
770		蹇	蹉	蹌	蹐	蹈	蹙	蹤	蹠	踪
771	蹣	蹕	蹶	蹲	蹼	躁	躇	躅	躄	躋
772	躊	躓	躑	躔	躙	躪	躡	躬	躰	軆
773	躱	躾	軅	軈	軋	軛	軣	軼	軻	軫
774	軾	輊	輅	輕	輒	輙	輓	輜	輟	輛
775	輌	輦	輳	輻	輹	轅	轂	輾	轌	轉
776	轆	轎	轗	轜	轢	轣	轤	辜	辟	辣
777	辭	辯	辷	迚	迥	迢	迪	迯	邇	迴
778	逅	迹	迺	逑	逕	逡	逍	逞	逖	逋
779	逧	逶	逵	逹	迸					
780		遏	遐	遑	遒	逎	遉	逾	遖	遘
781	遞	遨	遯	遶	隨	遲	邂	遽	邁	邀
782	邊	邉	邏	邨	邯	邱	邵	郢	郤	扈
783	郛	鄂	鄒	鄙	鄲	鄰	酊	酖	酘	酣
784	酥	酩	酳	酲	醋	醉	醂	醢	醫	醯
785	醪	醵	醴	醺	釀	釁	釉	釋	釐	釖
786	釟	釡	釛	釼	釵	釶	鈞	釿	鈔	鈬
787	鈕	鈑	鉞	鉗	鉅	鉉	鉤	鉈	銕	鈿
788	鉋	鉐	銜	銖	銓	銛	鉚	鋏	銹	銷
789	鋩	錏	鋺	鍄	錮					
790		錙	錢	錚	錣	錺	錵	錻	鍜	鍠
791	鍼	鍮	鍖	鎰	鎬	鎭	鎔	鎹	鏖	鏗
792	鏨	鏥	鏘	鏃	鏝	鏐	鏈	鏤	鐚	鐔
793	鐓	鐃	鐇	鐐	鐶	鐫	鐵	鐡	鐺	鑁
794	鑒	鑄	鑛	鑠	鑢	鑞	鑪	鈩	鑰	鑵
795	鑷	鑽	鑚	鑼	鑾	钁	鑿	閂	閇	閊
796	閔	閖	閘	閙	閠	閨	閧	閭	閼	閻
797	閹	閾	闊	濶	闃	闍	闌	闕	闔	闖

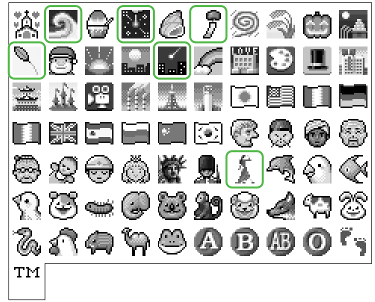
First Three Digits	0	1	2	3	4	5	6	7	8	9
798	闘	闡	闥	闢	阡	阨	阮	阯	陂	陌
799	陏	陋	陷	陜	陞					
800		陝	陟	陦	陲	陬	隍	隘	隕	隗
801	險	隧	隱	隲	隰	隴	隶	隸	隹	雎
802	雋	雉	雍	襍	雜	霍	雕	雹	霄	霆
803	霈	霓	霎	霑	霏	霖	霙	霤	霪	霰
804	霹	霽	霾	靄	靆	靈	靂	靉	靜	靠
805	靤	靦	靨	勒	靫	靱	靹	鞅	靼	鞁
806	靺	鞆	鞋	鞏	鞐	鞜	鞨	鞦	鞣	鞳
807	鞴	韃	韆	韈	韋	韜	韭	齏	韲	竟
808	韶	韵	頏	頌	頸	頤	頡	頷	頽	顆
809	顏	顋	顫	顯	顰					
810		顱	顴	顳	颪	颯	颱	颶	飄	飃
811	飆	飩	飫	餃	餉	餒	餔	餘	餡	餝
812	餞	餤	餠	餬	餮	餽	餾	饂	饉	饅
813	饐	饋	饑	饒	饌	饕	馗	馘	馥	馭
814	馮	馼	駟	駛	駝	駘	駑	駭	駮	駱
815	駲	駻	駸	騁	騏	騅	駢	騙	騫	騷
816	驅	驂	驀	驃	騾	驕	驍	驛	驗	驟
817	驢	驥	驤	驩	驫	驪	骭	骰	骼	髀
818	髏	髑	髓	體	髞	髟	髢	髣	髦	髯
819	髫	髮	髴	髱	髷					
820		髻	鬆	鬘	鬚	鬟	鬢	鬣	鬥	鬧
821	鬨	鬩	鬪	鬮	鬯	鬲	魄	魃	魏	魍
822	魎	魑	魘	魴	鮓	鮃	鮑	鮖	鮗	鮟
823	鮠	鮨	鮴	鯀	鯊	鮹	鯆	鯏	鯑	鯒
824	鯣	鯢	鯤	鯔	鯡	鰺	鯲	鯱	鯰	鰕
825	鰔	鰉	鰓	鰌	鰆	鰈	鰒	鰊	鰄	鰮
826	鰛	鰥	鰤	鰡	鰰	鱇	鰲	鱆	鰾	鱚
827	鱠	鱧	鱶	鱸	鳧	鳬	鳰	鴉	鴈	鳫
828	鴃	鴆	鴪	鴦	鶯	鴣	鴟	鵄	鴕	鴒
829	鵁	鴿	鴾	鵆	鵈					
830		鵝	鵞	鵤	鵑	鵐	鵙	鵲	鶉	鶇
831	鶫	鵯	鵺	鶚	鶤	鶩	鶲	鷄	鷁	鶻
832	鶸	鶺	鷆	鷏	鷂	鷙	鷓	鷸	鷦	鷭
833	鷯	鷽	鸚	鸛	鸞	鹵	鹹	鹽	麁	麈
834	麋	麌	麒	麕	麑	麝	麥	麩	麸	麪

First Three Digits	0	1	2	3	4	5	6	7	8	9
835	麭	靡	黌	黎	黏	黐	黔	黜	點	黝
836	黠	黥	黨	黯	黴	黶	黷	黹	黻	黼
837	黽	鼇	鼈	皷	鼕	鼡	鼬	鼾	齊	齒
838	齔	齣	齟	齠	齡	齦	齧	齬	齪	齷
839	齲	齶	龕	龜	龠					
840		堯	槇	遙	瑤	凜	熙			

Pictograph List







- Pictographs listed here appear on compatible SoftBank handsets.
- Pictographs in are animated.
- Pictographs do not appear in mail or on incompatible SoftBank handsets.
- Pictographs may not appear as depicted in pictograph list on some SoftBank handset models.
- Pictographs may not appear as depicted in pictograph list when viewed on External Display.

Symbol List

Double-byte Symbol List

	、	。	，	．	・	：	；	？	！
゛	゜	´	｀	¨	＾	￣	＿	ヽ	ヾ
ゝ	ゞ	〃	仝	々	〆	〇	ー	―	‐
／	＼	～	‖	｜	…	‥	‘	’	“
”	（	）	〔	〕	［	］	｛	｝	〈
〉	《	》	「	」	『	』	【	】	＋
－	±	×	÷	＝	≠	＜	＞	≦	≧
∞	∴	♂	♀	°	′	″	℃	￥	＄
￠	￡	％	＃	＆	＊	＠	§	☆	★
○	●	◎	◇	◆	□	■	△	▲	▽
▼	※	〒	→	←	↑	↓	〓	∈	∋
⊆	⊇	⊂	⊃	∪	∩	∧	∨	￢	⇒
⇔	∀	∃	∠	⊥	⌒	∂	∇	≡	≒
≪	≫	√	∽	∝	∵	∫	∬	Å	‰
♯	♭	♪	†	‡	¶	◯	ゐ	ゑ	ヰ
ヱ	ヴ	ヵ	ヶ	Α	Β	Γ	Δ	Ε	Ζ
Η	Θ	Ι	Κ	Λ	Μ	Ν	Ξ	Ο	Π
Ρ	Σ	Τ	Υ	Φ	Χ	Ψ	Ω	α	β

γ	δ	ε	ζ	η	θ	ι	κ	λ	μ
ν	ξ	ο	π	ρ	σ	τ	υ	φ	χ
ψ	ω	А	Б	В	Г	Д	Е	Ё	Ж
З	И	Й	К	Л	М	Н	О	П	Р
С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ
Ы	Ь	Э	Ю	Я	а	б	в	г	д
е	ё	ж	з	и	й	к	л	м	н
о	п	р	с	т	у	ф	х	ц	ч
ш	щ	ъ	ы	ь	э	ю	я	─	│
┌	┐	┘	└	├	┬	┤	┴	┼	━
┃	┏	┓	┛	┗	┣	┳	┫	┻	╋
┠	┯	┨	┷	┿	┝	┰	┥	┸	╂
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳
Ⅰ	Ⅱ	Ⅲ	Ⅳ	Ⅴ	Ⅵ	Ⅶ	Ⅷ	Ⅸ	Ⅹ
㍉	㌔	㌢	㍍	㌘	㌧	㌃	㌶	㍑	㍗
㌍	㌦	㌣	㌫	㍊	㌻	㎜	㎝	㎞	㎎
㎏	㏄	㎡	㍻	〝	〟	№	㏍	℡	㊤

㊥	㊦	㊧	㊨	㈱	㈲	㈹	㍾	㍽	㍼
≒	≡	∫	∮	∑	√	⊥	∠	∟	⊿
∵	∩	∪							

Single-byte Symbol List

	!	"	#	$	%	&	'	(	)
*	+	,	-	.	/	:	;	<	=
>	?	@	[	¥	]	^	_	`	{
|	}	~	｡	｢	｣	､	･	ｰ	ﾞ
ﾟ									

Appendix

17

Memory List

Data Folder	Up to 1000 items/approx. 37 MB (One S! Application corresponds to three to six items.)

● Shared with S! Appli Library

Schedule (Calendar)	Up to 100 items

Phone Book	Up to 1000 items

Messaging	**Incoming Mail**	S! Mail: Up to 700 items/approx. 5MB SMS: Up to 300 items
	Drafts/ Sent Messages/ Unsent Messages	S! Mail: Up to 300 items/approx. 5MB SMS: Up to 200 items

Yahoo! Keitai	**Saved Pages**	[Yahoo! Keitai] Up to 20 items/750KB [PC Browser] Up to 20 items/1150KB
	Bookmarks	[Yahoo! Keitai] Up to 100 items [PC Browser] Up to 100 items
	URL History	[Yahoo! Keitai] URL Entry: Up to 20 items URL Access: Up to 100 items* [PC Browser] URL Entry: Up to 20 items URL Access: Up to 100 items*
	Cache	[Yahoo! Keitai] 750KB [PC Browser] 1150KB

* The number of savable items varies depending on URL length.

Specifications

821P

Weight (including battery)		113 g*
Dimensions (closed)		50 x 104 x 15.9 mm*
Standby Time (closed)	**3G**	400 hours*
	GSM	300 hours*
Talk Time	**3G**	200 minutes*
	Video Call	100 minutes*
	GSM	200 minutes*
Charging Time	**AC Charger**	130 minutes*
	In-Car Charger	130 minutes*
Maximum Output	**3G**	0.25 W
	GSM	2.0 W

* Approximate value

- Values above were calculated with battery installed.
- Talk Time is an average measured with a new, fully charged battery, with stable signals.
- Standby Time is an average measured with a new, fully charged battery, with handset closed without calls or operations, in Standby with stable signals.
- Talk Time and Standby Time may vary by environment (battery status, temperature, etc.).
- Talk Time and Standby Time may decrease when a S! Application is active.

Battery

Voltage	3.7 V
Battery Type	Lithium-ion
Capacity	815 mAh
Dimensions	36 x 4.5 x 46 mm*

* Approximate value

- Specifications subject to change without notice.

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Appendix
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Warranty & Service

Warranty

Warranty is provided when you purchase a 821P.

- Check name of distributor and date of purchase.
- Read through contents and keep in a safe place.
- The warranty term is described in the warranty.

SoftBank is not liable for any damage resulting from use of this product.

After-Sales Service

See "Troubleshooting" (☞P.17-15) before contacting SoftBank for service or repairs. If you cannot find solutions or solve problems, contact SoftBank Customer Center, Customer Assistance (☞P.17-40) in your subscription area and provide a detailed description of the problem.

- Repairs within warranty are performed under terms and conditions described.
- Out of warranty, any repairs are performed upon request at subscriber’s expense.

Customer Service

If you have questions about SoftBank handsets or services, please call General Information.
For repairs, please call Customer Assistance.

SoftBank Customer Centers
From a SoftBank handset, dial toll free at 157 for General Information or 113 for Customer Assistance

SoftBank Global Call Center
From outside Japan, dial +81-3-5351-3491 (Please take care to dial the correct number. International charges will apply to this call.)

Call these numbers toll free from landlines.

Subscription Area	Service Center	Toll Free Number
Hokkaido, Aomori, Akita, Iwate, Yamagata, Miyagi, Fukushima, Niigata, Tokyo, Kanagawa, Chiba, Saitama, Ibaraki, Tochigi, Gunma, Yamanashi, Nagano, Toyama, Ishikawa, Fukui	General Information	0088-240-157
	Customer Assistance	0088-240-113
Aichi, Gifu, Mie, Shizuoka	General Information	0088-241-157
	Customer Assistance	0088-241-113
Osaka, Hyogo, Kyoto, Nara, Shiga, Wakayama	General Information	0088-242-157
	Customer Assistance	0088-242-113
Hiroshima, Okayama, Yamaguchi, Tottori, Shimane, Tokushima, Kagawa, Ehime, Kochi, Fukuoka, Saga, Nagasaki, Oita, Kumamoto, Miyazaki, Kagoshima, Okinawa	General Information	0088-250-157
	Customer Assistance	0088-250-113

SoftBank 821P User Guide

March 2012, Third Edition
SOFTBANK MOBILE Corp.

For additional information, please visit a SoftBank shop.

Model: SoftBank 821P
Manufacturer: Panasonic Mobile Communications Co., Ltd.

モバイル・リサイクル・ネットワーク
携帯電話・PHSのリサイクルにご協力を。

Please help the mobile industry maintain high environmental standards. Recycle your old handsets, batteries and charger units (all manufacturers and brands). Before you recycle, please remember these important points:

- Handsets, batteries and chargers submitted for recycling cannot be returned.
- Always erase all data recorded on old handsets (Phone Book entries, call records, mail, etc.) before recycling.